



STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 18 R. 17 19
County Fergus

WATER WELL LOG

Owner *Wm. R. ...* Address *Barney, Mont*

Driller *J. Misamore* Address *Heath, Mont*

Date Started *Oct 3, 1957* Date Completed *Oct 7, 1957*

Location: Sec. *19* T. *18* R. *17* 1/4 sec. *2 N 2 E W*

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other: _____

Casing: *0* ft. to *25* ft. Type *Selvang* Size *4 1/2 I.D.*

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

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

Perforated or Screened: Ft. *15* to ft. *25* Ft. _____ to ft. _____

Type of screen or perforations *cut with torch*

Static Water level, for non-flowing well: *12* feet.

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

Pumping water level *20* feet at *12* gal. per min.

How tested: *Bailer*

Length of test *1 hr.*

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Casing set on Bottom

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	5	Silt
5	7	Gravel
7	75	Light sand fine sand & clay
		Total Depth 75 ft
<p> State of Maryland Department of Geology MAR 24 1958 COUNTY OF YORK and Recorder 501 10 </p>		

91172

0051

File No. 17279

T. 18N. R. 17E

DUPLICATE

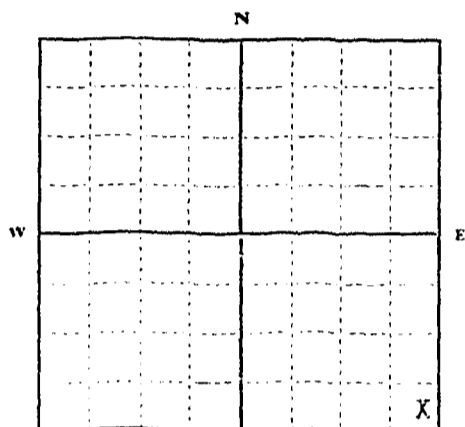
County FERGUS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

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

1. RAY T. SMART, of DANVERS, (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:



Southeast Quarter of the Southeast Quarter
1/4 Sec. 20, T. 18N. R. 17E

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 farm use, and stock water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... About March 1955 and continuous since
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... about 8 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... Electric pump into pressure tank, well in Southeast Quarter of the Southeast Quarter of Section 20, T. 18, R. 17
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... About March, 1955
- 8. The depth of water table... About 300'
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... Well drilled 560', cased with 4 1/4" casing to 440' depth, used for domestic use, filling spray tanks and tank for watering livestock is situated near
- 10. The estimated amount of groundwater withdrawn each year... About 100,000 gallons per year
- 11. The log of formations encountered in the drilling of each well if available... not applicable
- 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 RAY T. SMART
Date DECEMBER 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.

17279

COPY

State of Michigan
County of _____
Filed DEC 30 1963 19____
at 1:30 o'clock P.M.
May Ruffen
Clerk and Recorder

92nd pt.

File No. 16932

T. 18 R. 17

DUPLICATE

County *Fergus*

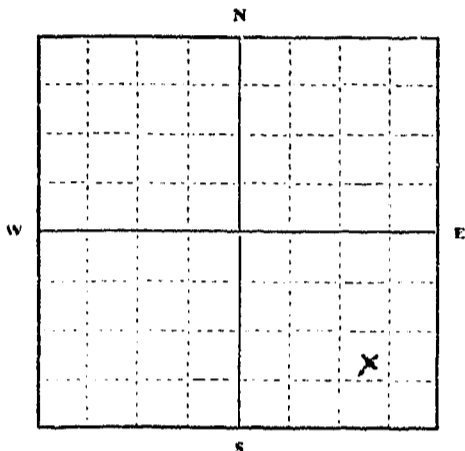
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 20 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Joe J. Stamek, of *Dearys, 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 SE Sec. 22 T. 18 R. 17

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*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been *Original well 1915 - cont. use 1962*

4. The amount of groundwater claimed (in miner's inches or gallons per minute) *10 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. *Gravity flow*
Location *NW 1/4 of SE 1/4 of SE 1/4*
Section *22* T. *18* R. *17*

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *Developed in 1961*

8. The depth of water table *8 feet*

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater *1 foot brick lined wells 6 ft. diameter
1 1/2 inch plastic pipe for 1 1/2 ft. to stock tank and from stock tank to reservoir.*

10. The estimated amount of groundwater withdrawn each year *5,000 gallons*

11. The log of formations encountered in the drilling of each well if available *Sand rock and granite*

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 *Joe J. Stamek*
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.

16932

COPY

State of Montana }
County of Fergus }

Filed DEC 19 1963 19

at 1:55 o'clock P. M.

May Nathan
County Clerk and Recorder

200

File No. 17549

T. 18 R. 17

DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

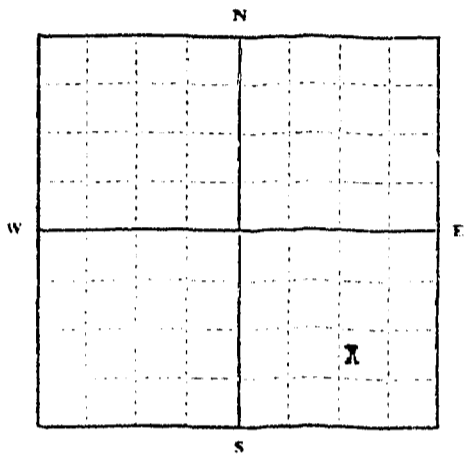
RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Charles P. & Virginia R. Delaney, of 313 Hawthorne Av., 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:



SE 1/4 Sec. 25 T. 18 R. 17

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, & field sprayer use
 - 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
November, 1955; continuously
 - 4. The amount of groundwater claimed (in miner's inches or gallons per minute).
Do not know exactly; this well has never been pumped dry. At times, waters feed cattle in corrals.
 - 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.
Only for house lawn & small garden
 - 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Electric pump system and also a windmill
 - 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Dug and completed in fall of 1955
 - 8. The depth of water table
About 20 feet, or less
 - 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 hand-dug well about four feet in diameter, bricked, and about 20 feet deep
 - 10. The estimated amount of groundwater withdrawn each year.
difficult to estimate. Only source of all domestic, corral & outbuildings watering.
 - 11. The log of formations encountered in the drilling of each well if available
Clay, sandstone, rock, & some quicksand.
 - 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.
Vital to farm & ranch operations.
- Charles P. Delaney*
Signature of Owner *Virginia R. Delaney*
Date Dec 26, 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.

17049

COPY*

State of Minnesota, ss.
County of Fergus }

Filed DEC 26 1963

at 1:45 o'clock P.M.

Way Rathbun
County Clerk and Recorder

200-ph.

1

File No. 16929

T. 17 R. 17

DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1963

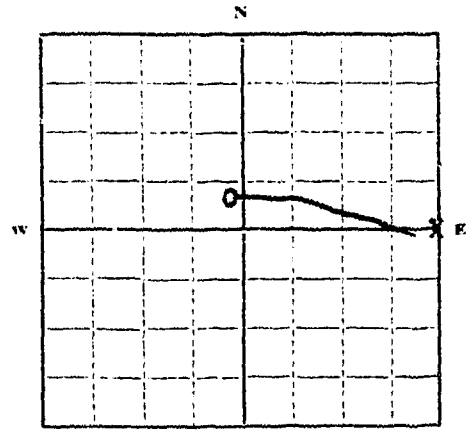
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Anna M. Spence, of S. E. V. Brassey 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:



O--House
Y--Well

NE 1/4 Sec 27 T18 R17

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 - stock and house.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Nov. 1955 CONTINUOUS USE all the time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1000 GPM

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.
Gravity flow - location NE 1/4 of NE 1/4 of SE 1/4 of Section 27 T18 R17

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Oct. - Nov. 1955

8. The depth of water table. 10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 1 foot of 4 in cement concrete casing with 1/2 in. diameter pipe with screen down into gravel.

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

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

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

Anna M. Spence

Date 12-19-63

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.

16929

COPY

State of Montana }
County of _____ } ss.

Filed _____ DEC 19 1963 19 _____

at _____
_____ P.M.
_____ Rathbun
County Clerk and Recorder

2nd ph

File No. 17122

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

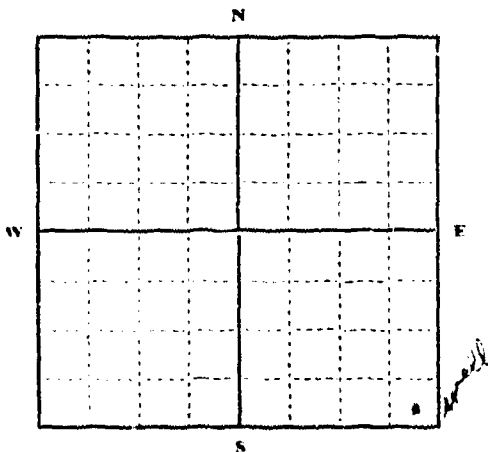
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Mabel Lucas, of Danvers, (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 of NW 1/4 Sec. 30 T. 18 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1/2 gal. per Minute

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

None

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

hand pump

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 25 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

6 feet wide - 25 feet deep, sides rocked up.

10. The estimated amount of groundwater withdrawn each year 18,000 gal.

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

none

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

None

Signature of Owner Mabel Lucas

Date Dec. 24, 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.

17122

COPY

State of Maryland, }
County of Prince George's }

Filed: DEC 27 1963

19

at 11:15 o'clock P. M.

Wm. Keith
County Clerk and Recorder

200 pl.

File No. **25022**

T. 28 N. R. 17 E. **32**
County **FERGUS**

DUPLICATE STATE WATER CONSERVATION BOARD

STATE OF MONTANA

Billie **ADMINISTRATOR OF GROUNDWATER CODE**

Butcher **OFFICE OF STATE ENGINEER**

Coyle **Division**

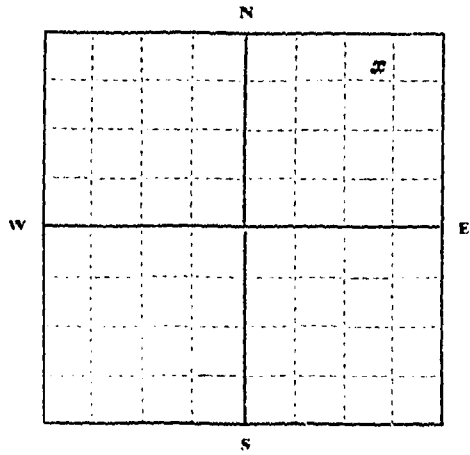
Darling **Sullivan**

Dickel

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **EDWARD C. GREHAUX**, of **DANVERS, 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. **31** T. **18** 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
Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
about ten years and continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
about 10 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
No irrigation now

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
By drilled well in Northwest corner of said NE 1/4

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Completed about 10 years ago

8. The depth of water table
about 5 to 10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Drilled well 60 feet deep, cased with about 10" casing to the sandstone; pump which can be operated by hand, by the windmill there or by connecting a motor to the pump jack there;

10. The estimated amount of groundwater withdrawn each year
about 250,000 gallons per year

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
Used for stockwater as needed; impossible to pump the well dry

Signature of Owner **EDWARD C. GREHAUX**

Date **December 29, 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.

40228

25022

COPY

State of Montana }
County of [unclear] }

Filed DEC 30 1965 19

at 10:40 o'clock A.M.

Way Rathbun
County Clerk and Recorder

* 200 pt.

File No. **17739**

T. **18** R. **17**

DUPLICATE

County **Fergus**

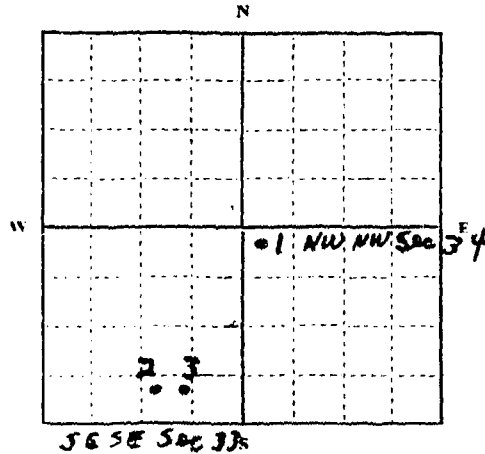
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **OLGA HARTMAN**, of **321 - 3rd Ave. S., 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. **T. 18 R. 17**

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
Drinking & stock water
- Date or approximate date of earliest beneficial use; and how continuous the use has been. **1. Spring improved 30 yrs.**
2. Well - 1948 Continuous use.
3. Well - 1953 Continuous use.
- The amount of groundwater claimed (in miner's inches or gallons per minute) **1. Spring - 50 gal per min.**
2. Well - 10 gal per min.
3. Well - 20 gal per min.
- 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 3 None
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
1. Spring flowing. 2 & 3 Wells on pumps
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **2. Well 1948 #3. Well 1953**
- The depth of water table **60 ft. Approx**
- 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 **2. Well 8" casing, 60 ft deep.**
3. Well 36" culvert 14 ft deep.
- The estimated amount of groundwater withdrawn each year **Never determined.**
- The log of formations encountered in the drilling of each well if available **None**
- 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 **Olga Hartman**

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.

17739

COPY

State of Montana, } ss.
County of Fergus.

Filed _____ DEC 7 1902
at 3:15 o'clock P.M.

\$ 2 00

MAY RATHBUN
County Clerk and Recorder

File No. 17050

T. 18 R. 17

DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

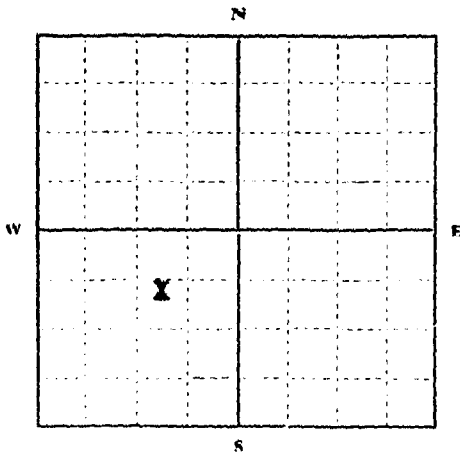
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 27 1963
STATE ENGINEER

1. Charles P. Delaney & Virginia R. Delaney of 313 Hawthorne Ave., 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. 55 T. 18 R. 17

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
1900; continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
spring runs water continuously through 1" pipe

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
Has never been used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Flowing spring run through underground pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Developed in 1948; improved with gravity pipe & tank about 1956.

8. The depth of water table
About three 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
Three foot spring, dug out, pipe put in and covered with rock; one-half inch stream flowing through pipe & into stock tank.

10. The estimated amount of groundwater withdrawn each year
Continuous 1/2 inch flow

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
Only source of water in far pasture for cattle

Signature of Owner Charles P. Delaney & Virginia R. Delaney
Date 12/26/1963

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.

17050

COPY

State of Montana, } ss.
County of Fergus.

Filed..... DEC 26 1968 19

at 1:45 o'clock P. M.

Way Ralburn
County Clerk and Recorder

*200 pt

File No. 17411

T18 N18 E

DUPLICATE

County Fergus

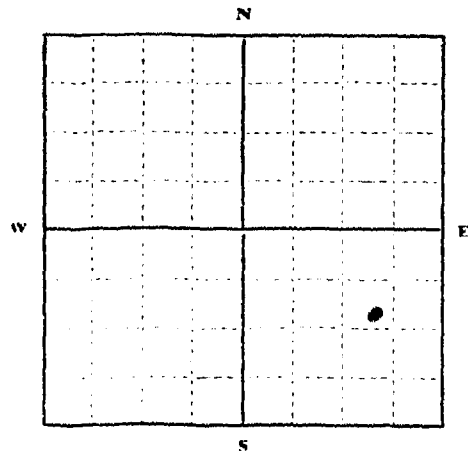
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R
JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Austin A. Wilson, of Halger
(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:



E 1/2 SE 4 Sec. 3 T18 R.18

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 1908
was used continuously until 1955
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1.8 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 applicable
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Hand Pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater beg 1908
Done in 1922
near Aug in 1908 - Curled up with
- 8. The depth of water table 6 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 foot diameter 20 foot deep
Curled up with brick
- 10. The estimated amount of groundwater withdrawn each year return and about 500 gallons
- 11. The log of formations encountered in the drilling of each well if available Sandstone
- 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 Austin A. Wilson
Date 12/30/63

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

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

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

17411

State of Michigan
County of Washtenaw

COPY

Filed DEC 30 1963 19

at 4:05 o'clock P. M.

\$2.00
P. J. **MAY RATHBUN**
County Clerk and Recorder

File No. 17280

T 18N R 18E

DUPLICATE

County FERGUS

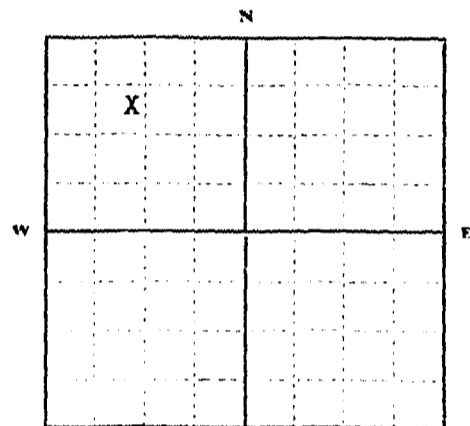
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. RAY T. SMART, of DANVERS
(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:



Northwest Quarter of the
1/4 Sec. 5 T. 18 R. 18

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
About 1950 and used continuously since;
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
About 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
Well in Northwest Quarter of the Northwest Quarter of said Section 5, pumped by windmill
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
About 1958
- 8. The depth of water table
About 60'
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Well drilled 120' deep cased with 4" casing to the bottom and perforated; withdrawn by windmill and piped into three stock tanks
- 10. The estimated amount of groundwater withdrawn each year
about 700,000 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 DECEMBER 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.

17208

17280

COPY

State of California
County of Santa Clara

Filed DEC 30 1963

at 1:30 o'clock P.M.

Wm. H. Hetherington
County Clerk and Recorder

*200 pt.

File No. 16860

Section of State Engineer, State of Montana, Helena, Montana

T. 18 R. 18

DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

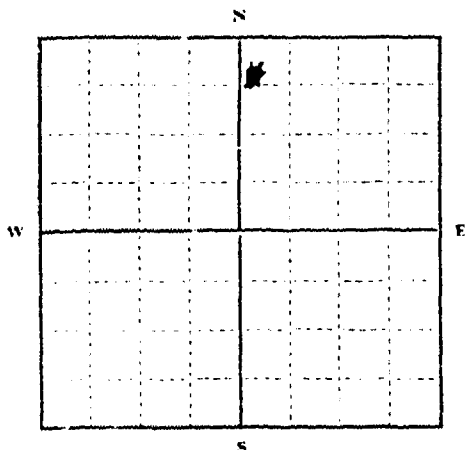
Under Chapter 237, Montana Session Laws, 1961

RECEIVED
DEC 23 1963

STATE ENGINEER

1. Evan Phillips ~~William Phillips~~ of Hilger
(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 1/4 Sec. 9 T. 18 R. 18

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 household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct. 12, 1957 Daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
NOT APPLICABLE

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct. 26, 1957

8. The depth of water table 4 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 4x4x6

10. The estimated amount of groundwater withdrawn each year 60,000

11. The log of formations encountered in the drilling of each well if available Black loam, gravel and sand rock

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 APPLICABLE

Mrs. Edith Goke
Margaret May Herbert
David Phillips

Evan Phillips
William Phillips
Signature of Owner(s)
John Phillips

Date Dec. 5, 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.

16860

COPY

State of Montana } ss.
County of Fergus }

Filed DEC 18 1963 19

at 12:20 o'clock P.M.

May Ruthen
County Clerk and Recorder

#200

GV

Approved Stock Form—State Publishing Co., Helena, Montana—4135

File No. **16859**

T. **18** R. **18**

DUPLICATE

County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

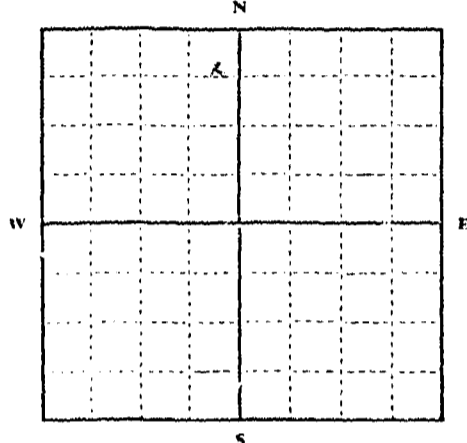
RECEIVED
DEC 23 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Evan Phillips & William Phillips, of Hilger
(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:



- 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 July 1907 Daily
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gal. per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
NOT APPLICABLE
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal DNWD

NW 1/4 NE 1/4 Sec. 9 T. 18 R. 18
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 June 1907 July 1907
- 8. The depth of water table 18 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 4x4x35
- 10. The estimated amount of groundwater withdrawn each year 9,000 Gal.
- 11. The log of formations encountered in the drilling of each well if available clay gravel and sand rock
- 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 APPLICABLE

Mrs. Edith Coker
William Phillips
David Phillips Evan Phillips
Signature of Owner John Phillips Date Dec 5, 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.

16859

COPY

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

Filed DEC 18 1963 19

at 12:20 o'clock P.M.

Way Patton
County Clerk and Recorder

\$ 2.00

GA 16858
File No. 16858
DUPLICATE

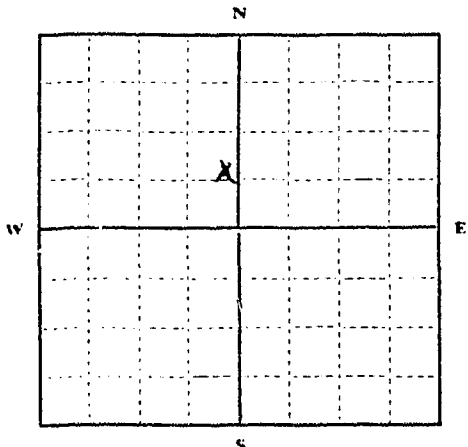
Approved Stock Form—State Publishing Co., Helena, Montana—4177
T. 16 R. 18
County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

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

1. Evan Phillips & William Phillips, of _____, of _____
(Name of Appropriator) (Address) (City)
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. NE 1/4 Sec. 10, T. 18 R. 18.
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 _____
Aug. 1936 Six months
each yr.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) _____
300 ga. 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 _____
N.O.T. APPLICABLE

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater _____
Aug. 1936

8. The depth of water table _____
5 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 _____
Dug 4x4x6

10. The estimated amount of groundwater withdrawn each year _____
6500 gal.

11. The log of formations encountered in the drilling of each well if available _____
and gravel Black loam

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 _____
N.O.T. APPLICABLE

Mrs. Edith Goke
Margaret Gray Herbert
David Phillips
Evan Phillips
William Phillips
John Phillips
Signature of Owners
Date Dec 5, 1943

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.

16858

COPY

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

Filed DEC 18 1963 19

at 12:20 o'clock P.M.
May Platter
County Clerk and Recorder

200-*pt*

File No. 17412

T. 18 N. R. 18 E.
County: Fergus

DUPLICATE

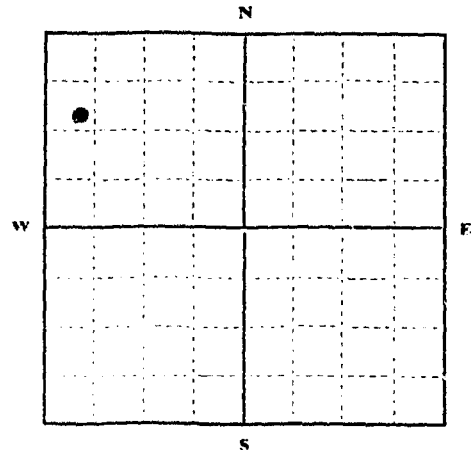
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Austin A. Wilson, of Helgen
(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 NW Sec. 11, T. 18, R. 18

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 & stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 9/30/34

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20

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 Electric pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 9/1/34 finished 9/30/34

8. The depth of water table 9 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 27 foot Deep - 5 foot in diameter

10. The estimated amount of groundwater withdrawn each year 45,000 gallons

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

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 Austin A. Wilson

Date 12/30/63

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

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

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

17330

17412

State of Missouri
County of [unclear]
Filed DEC 30 1900
at 4:05 o'clock P.M.
\$ 2.00 MAY BATHBUN
Clerk and Recorder
P.J.

COPY

GW 17824

Approved Stock Form—State Publishing Co., Helena, Montana—41338

File No.

T 18 R 18

DUPLICATE

County Fergus

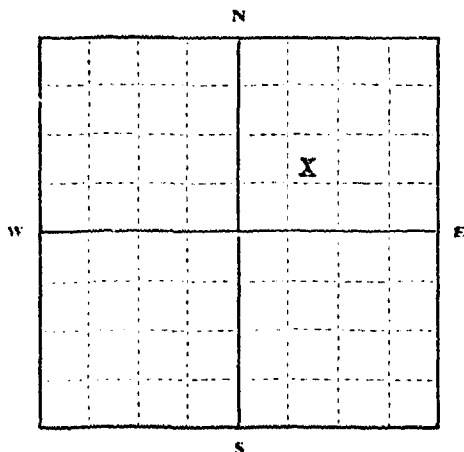
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 3 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. KENNETH ARNTZEN of Christina
(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 12 T.18. R.18.

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 and domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
June, 1953 - continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
12 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.....
Artesian well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
June, 1953

8. The depth of water table.....
Artesian well - top of the ground

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 - Artesian

10. The estimated amount of groundwater withdrawn each year.....
6 gallons per minute

11. The log of formations encountered in the drilling of each well if available.....
332 feet of claggett - 44 feet of eagle

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 Kenneth Arntzen

Date December 12, 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.

19264

17824

COPY

State of Montana }
County of Lewis & Clark }

Filed JAN 2 1964 19
at 10:00 o'clock P.M.
Amy Rathbun
County Clerk and Recorder

\$200.00

1

File No. 44159

T. 18 R. 18 S. 15

DUPLICATE

County Fergus

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 Curtis D. Lopez Address Helena, Mont

Driller F. Misamore Address Heath Mont

Date of Notice of appropriation of groundwater Mar 20 68

Date well started Mar 24 68 Date complete Apr 2 68

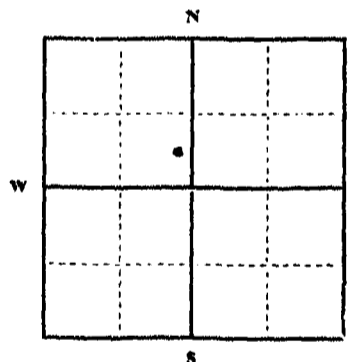
Type of well Drilled Equipment used Rotary
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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	7 1/2"	0	200	gas	160	200
3 7/8	2 3/8	200	285	gas	200	285



Static Water Level for non-flowing well 60 feet.

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

Pumping Water Level 160 feet at 8 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailed

Length of Test 3 hrs

Remarks: (Gravel packing, cementing, pack- type of shutoff) Packed

2 1/2 Sec. 15 T. 18 R. 18
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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).

From 160 to 200 sand water 2 gal a min
Shale & sand to 285 water 6 gal.

No 144
Driller's License Number

F. Misamore
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, tissue copy to be retained by driller.

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

44,159

32754

COPIES

State of Missouri, Inc.
County of St. Louis

MAY 23 1968

19

Filed

Richard P. M.

My Rathbone
County Clerk and Recorder

83 1/2

Form No. 18
8-60

11

T. 15N R. 18E

County Fergus

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

TIPN RISE

WATER WELL LOG

X	
	9

Owner Carroll Swindell Address Hilger, Montana

Driller K. Misamore Address Heath, Montana

Date Started September 10, 1961 Date Completed September 23, 1961

Location: Sec. 19 T. 15N R. 18E $\frac{1}{4}$ sec. SW

Type of well Drilled Equipment used Rotary Drill
(Dug, driven, bored, or drilled) (Crank, grill, rotary, other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 354' ft. to _____ ft. Type 7 1/2 lb. 4 1/2 O.D. Galv Casing set on bottom

Casing: cemented with five sacks of cement to down 105 feet. Type _____ Size _____

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

Perforated or Screened: Ft. 103.9 to ft. perforated casing set on bottom.

Type of screen or perforations _____

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

Shut-in pressure, for flowing well: about 8 to 10 gallons a minute.
15.7/sq. in. on: _____ (date)

Pumping water level _____ feet at 8 to 10 gal. per min. soft water

How tested: put a bucket under it and timed it.

Length of test _____

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

Well running over; good water, soft; about 8 to 10 gallons a minute; cased with 7 1/2 lb. 4 1/2 O.D. galv casing set on bottom; 130-9 perforated casing set on bottom cemented with five sacks of cement to down 105 feet-shut off valve.

(over)

11819

File No.

T. R.

DUPLICATE

County

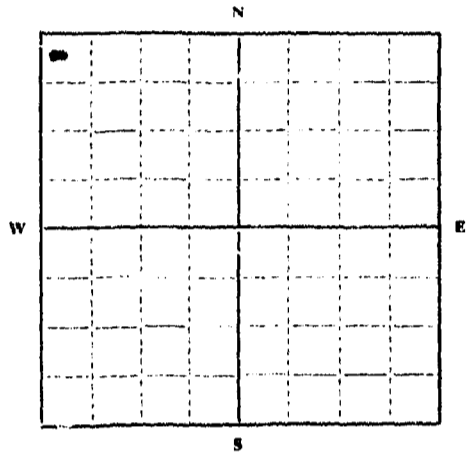
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **CAROLL L. SWINDELL** of **HILGER, 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:



NW 1/4 Sec. 19 T18N R. 18E

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, household use, yard irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Sept. 23, 1961; continuous

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Pump for household use; artesian for livestock and yard irrigation

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
Commenced Sept. 10, 1961; completed Sept. 23, 1961

8. The depth of water table.....
230'

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 - drilled; size - 4 1/2"; depth - 358'

10. The estimated amount of groundwater withdrawn each year.....
5,356,000 gallons per year

11. The log of formations encountered in the drilling of each well if available.....
See 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.....
NOT APPLICABLE

Signature of Owner *Carroll L. Swindell*

Date... **NOVEMBER 7, 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.

11819

COPY

State of Montana }
County of Lewis & Clark }

Filed NOV 15 1962 19
at 11:30 o'clock A.M.
Way Raitman
County Clerk and Recorder

W 20 ph

File No. 13759

T12N. R11E.

DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

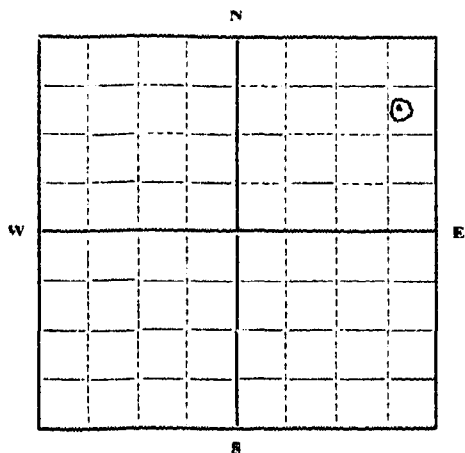
RECEIVED
MAY 21 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Name of Applicant Marilee Shattell of Hillier
(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. 20. T12N R11E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. Point of appropriation and use indicated by (e)

2. The beneficial use on which the claim is based. Used for livestock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. First used in May, 1950; and has been used every year since then.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Water flows from curbed spring through 60 feet of 1 1/2 in. pipe by gravity to stock tank. Located in SE 1/4 NE 1/4, Sec. 20.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Construction commenced Oct. 2, 1949; and completed Oct. 11, 1949.

8. The depth of water table. Not applicable.

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. An excavation five feet wide by six feet long and three feet deep was made, and the sides were curbed up with rocks, and the top was covered with planks. The end of the pipe is 15 inches above the bottom of this collector.

10. The estimated amount of groundwater withdrawn each year. 525,000 gallons.

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

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 [Signature]

Date [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.

346

13759

COPI

State of Montana }
County of Fergus } ss.

Filed MAR 20 1963

at 3:15 o'clock P. M.

MAY RATHBUN

County Clerk and Recorder

By *Margaret Hurley*

Deputy

\$200 01

GW 2

16468

File No.

T. 18 R. 18

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)

0) Top of Ground
16 (Elev. above sea level.)
Overburden
190 Grey shale
225 Soft sandstone & shale layers
275 Soft grey shale
312 Layers grey shale & soft
sandstone
330 Grey shale
375 Soft fairly coarse white
& grey sandstone with layers talc.
Bottom (water)

Owner Roy Underlin Address Hilger, Mont.

Driller Thatcher Drilling Address Stanford, Mont.

Date of Notice of Appropriation of Groundwater

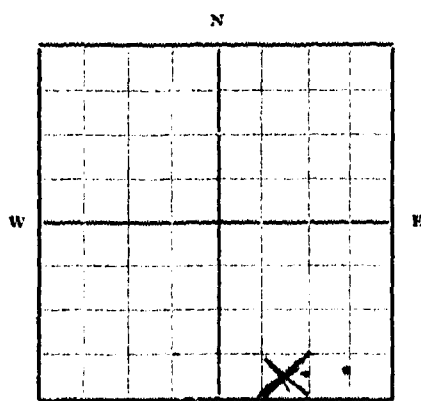
Date well started 10-20-63 Date Completed 11-5-63

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)
5/8"	Plastic	0	60'			
4 1/4"		60	375'	1/2x4"	275	375'



SW 1/4-30 Sec. 24 T. 18 R. 18
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

375' Show exact depth of bottom.

Static Water Level for non-flowing Well 15 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 40 feet at 1000 gal. per minute

Discharge in gal. per min. of flowing well

How Tested builer Length of Test 3 hrs.

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

Cemented in packer set at 50' acres irrigated, if used for irrigation)

86
Driller's License Number

Edward Thatcher
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.

16468

COPY

State of Montana, }
County of Fergus. }

Filed NOV 27 1963 19
at 1:05 o'clock P.M.

Wray Retherford
County Clerk and Recorder

*200 pd.

File No. 17175

T18N R18E

DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JUL 20 1963

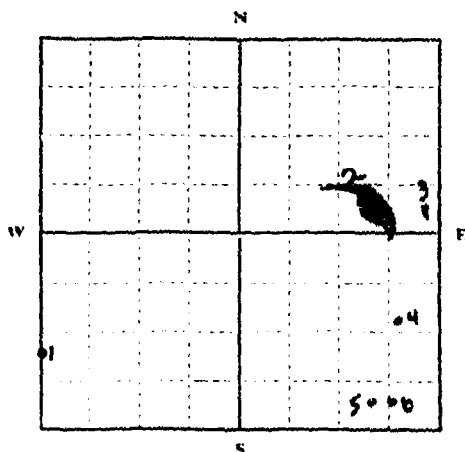
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Jerry Van Haur site 1, 2, 3, 4

1. Irvin VanHaur site 5, 6, of Box 144 Hilger
(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 25 T18N R18E

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--stock well 2--stock spring 3--stock spring 4--well 5--spring well 6--domestic & stock well
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1--1960 to date 2--1880 to date 3--1880 to date 4--1904 to 1948 5--1880 to date 6--1904 to date

- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1-- 10gpm 2-- 400gpm 3-- 20gpm 4-- 10gpm 5-- 20gpm 6-- 20gpm

- 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 used for irrigation

- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1--pump 2--spring 3--spring 4--pump 5--spring and pump 6--pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1--1960 2--? 3--? 4--1904 5--well part dug 1932 6--1904

- 8. The depth of water table 1--5ft. 2--0ft. 3--0ft. 4--50ft. 5--0 to 6ft. 6--50ft.

- 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--2ft x 10ft x 1ft deep 2-- 2acre bog 3--200 sq yd bog 4-- 70 ft dug well 5-- 10 ft dug well 6-- 50 ft dug well plus 120ft drilled well

- 10. The estimated amount of groundwater withdrawn each year total of six sites--18,000,000gal

- 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

Jerry Van Haur site 1, 2, 3, 4
Signature of Owner Irvin Van Haur site 5, 6
Date Dec 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.

17175

COPY

State of Indiana,
County of [unclear]

Filed DEC 27 1963 19
at 4:30 o'clock P. M.

Wm. Rethler
County Clerk and Recorder

200-10

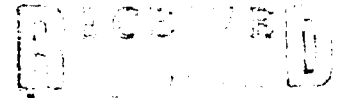
File No. 13756

T. 19 S., R. 12 E.

DUPLICATE

County: FERGUS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

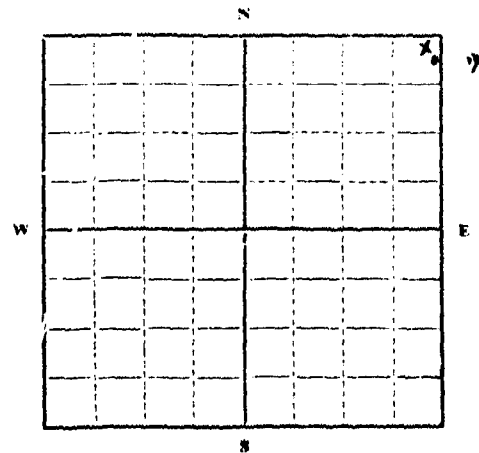


Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Maurice Sharnal of Hilger
(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. 27, T. 19 N., R. 12 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
Point of appropriation indicated by (x); Point of use by (y).

- 2. The beneficial use on which the claim is based...
Used for livestock water.
- 3. Date or approximate date of earliest beneficial use, and how continuous the use has been...
Earliest use was some time prior to 1942, and has been used every year since 1942.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)...
Five 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...
Water flows from curbed spring through 4.0 feet of 1. in. pipe by gravity to stock tank. Spring located in NE 1/4, E 1/2, Sec. 27.
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
Natural flow only with no improvements prior to 1961. Construction of improved works begun Nov. 3, 1961; and completed Nov. 9, 1961.
- 8. The depth of water table...
Approximately four 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...
An excavation five feet in diameter and six feet deep was made, and the sides were curbed up with concrete blocks, and the top was covered with heavy boards. The end of the pipe in this collector is two feet above the bottom of it.
- 10. The estimated amount of groundwater withdrawn each year...
2,500,000 gallons.
- 11. The log of formations encountered in the drilling of each well if available...
Not applicable.
- 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: [Signature]

Date: [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.

39/6

13756

COPY

State of Montana,
County of Fergus,

Filed MAR 20 1963

at 3:15 o'clock P. M.

MAY RATHBUN

County Clerk and Receiver

By *Marjorie Hurley*
Deputy

\$ 200 PA

File No. 13758

T. 125. R. 125.

DUPLICATE

County. Teton

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Declaration of Vested Groundwater Rights

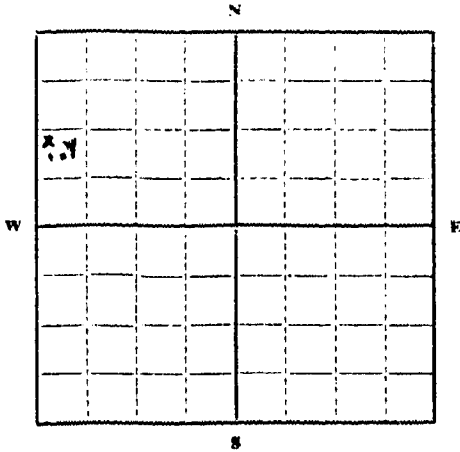
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Maurice Spangiel, of Silver
(Name of Appropriator) (Address) (Town)

County of Teton 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. Used for livestock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Earliest use was some time prior to 1942, and has been used every year since 1942.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Five 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. Water flows from curbed spring through 1 1/2 in. pipe by gravity to stock tank. Spring located in NE 1/4 Sec. 27.

NE 1/4 Sec. 27 T. 125 R. 125

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. Point of appropriation indicated by (x); point of use by (y).

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Natural flow only, with no improvements was used prior to 1961. Construction of improved works began Nov. 10, and completed Nov. 17, 1961.

8. The depth of water table. Not Applicable.

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. An excavation five feet in diameter and three feet deep was made; the sides were curbed up with concrete blocks, and the top was covered with boards. The end of the pipe in this collector is one and one-half feet above the bottom of it. A run of 20 feet of perforated pipe also gathers water and empties it into this collector.

10. The estimated amount of groundwater withdrawn each year. 2,500,000 gallons.

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

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 [Signature]

Date [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.

13758

COPY

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

Filed MAR 20 1963 19

at 3:15 o'clock P.M.

MAY RATHRUM
County Clerk and Recorder

By *Marjorie Nardley*
Deputy

#2059A

File No. 13755

T. 18E. R. 18E.

DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

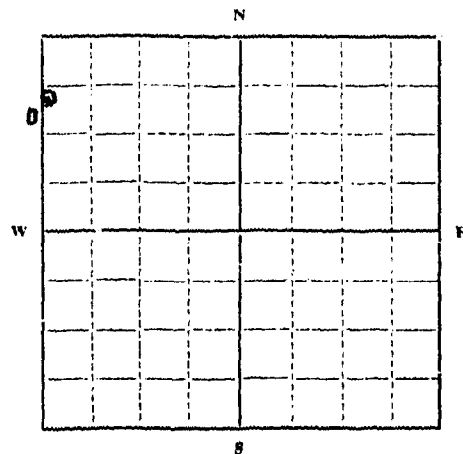
RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Maurice Shammel, of Hilger
(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. 27 T18E R18E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. Stock water use and well indicated by (o) Garden location indicated by q

2. The beneficial use on which the claim is based Used for live-stock water and irrigation water for garden.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Water from this source has been used continuously by the appropriator since 1947, and was used by others for many years before this time.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Used to water 1/2 acre garden in SE 1/4 Sec. 26. Owner—Maurice Shammel.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Water withdrawn from well by an electric powered pump. Well located in SE 1/4 Sec. 27.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Data of construction not known by appropriator.

8. The depth of water table. Approximately 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. This well is three feet in diameter, fourteen feet deep, and cased with sandstone.

10. The estimated amount of groundwater withdrawn each year. 400,000 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. None.

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.

13755

COPY

State of Montana }
County of Fergus } ss.

Filed MAR 20 1963

at 3:15 o'clock P.M.

MAY RATHBUN
County Clerk and Recorder

By *Marjorie Hurley*
Deputy

82084

28

File No. 15754

T. L. R. LEE

DUPLICATE

County Fergus

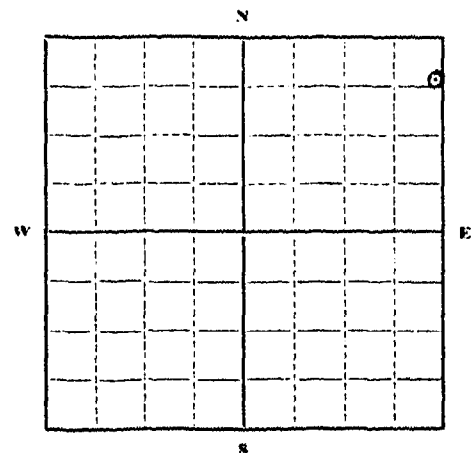
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Maurice Smeets, of Alger, (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.E. 1/4 Sec 25 T.15 N. R. 11 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. Point of appropriation and use indicated by (G).

2. The beneficial use on which the claim is based. Household water supply.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. First used in March, 1948, and has been used continuously since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Five 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. Water withdrawn from well by an electric-powered pressure pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. This well was drilled in the Fall of 1947, and the pump installed in March, 1948.

8. The depth of water table. Approximately fourteen 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. This well is cased with six-inch iron casing to it's full depth of forty feet.

10. The estimated amount of groundwater withdrawn each year. 450,000 gallons.

11. The log of formations encountered in the drilling of each well if available. 0-10 feet - dirt and clay; 10-40 feet rock and sandstone. Water between 15 and 40 feet.

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

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.

3/7/48

13754

COPY

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

Filed MAR 20 1963 19

at 2:15 o'clock P. M.

MAY RATHBUN
County Clerk and Recorder

By Marjorie Hurley
Deputy

#2061

File No. 13757

T. 18N. R. 18E.

DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

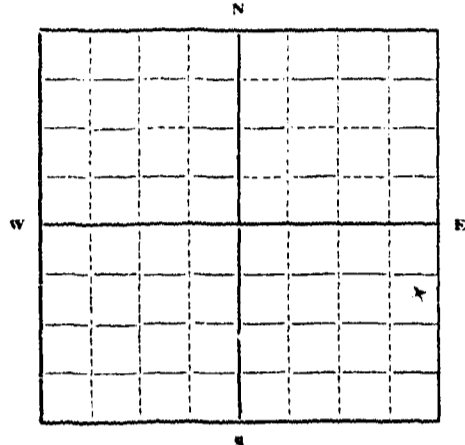


Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Maurice Shammel, of Hilger, (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 29 T18N R18E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. Point of appropriation and use indicated by (x).

2. The beneficial use on which the claim is based. Used for stock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. First used in June, 1951 and has been used every year since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Three 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. Water flows from curbed spring through 2 in. pipe by gravity to stock tank. Located in SE 1/4 NE 1/4, Sec. 29.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Construction commenced Sept. 22, 1950; and completed Oct. 2, 1950.

8. The depth of water table. Not Applicable.

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. An excavation five feet square and three and one-half feet deep was made, and the sides were curbed up with rock, and the top was covered with boards. The end of the pipe in this collector is two feet above the bottom.

10. The estimated amount of groundwater withdrawn each year. 1,500,000 gallons.

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

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 [Signature]
Date [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.

296

13757

COPY

State of Montana, } ss.
County of Fergus }

Filed MAR 20 1953 19

at 3:15 o'clock P.M.

MAY RATHBUN
County Clerk and Recorder

By *Marjorie Hurley*
Deputy

202 P2

File No. 17436

DUPLICATE

RECORDED
FEB 27 1964

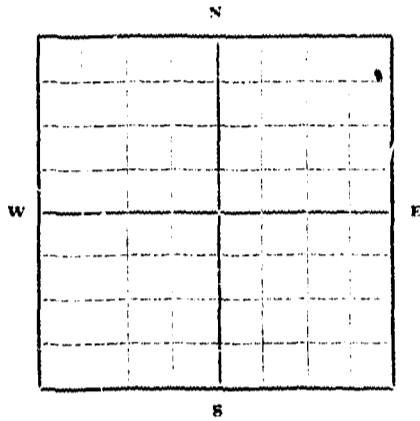
T. 18 N. R. 10 E.
County: _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R
JAN 2 1964

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

1. Joseph C. + Anna Peters of 318 W Blvd Lewistown
(Name of Appropriator) (Address) (Town)
County of Terrell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NE 1/4 Sec. 32 T. 18 N. R. 10 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 *flow stock water and irrigation*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been *Oct 10 1960*

4. The amount of groundwater claimed (in miner's inches or gallons per minute) *10 gal per minute*

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof *2 acres Joe Peters Sr*

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *spring developed Oct 10 1960*

8. The depth of water table *6 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 *about 10 ft deep spring surface area*

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

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 *Joseph C. Peters*

Date *Dec 31 - 1963*

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

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

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

File No. 17435

DUPLICATE

FEB 27 1964

T 18 R 18

County

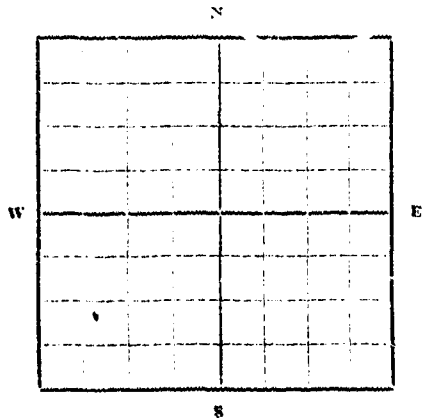
33

STATE OF MONTANA
STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 2 1964

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

1. Joseph C. Anna Peter of 318 N. Blvd. Lewistown
(Name of Appropriator) (Address) (Town)
County of Fergus State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 33 T. 18. R. 18.

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 *Both domestic and stock water*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been *1900 and continuously*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) *5 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 *part for garden*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *electric pumps*
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *1906 electric pump*
- 8. The depth of water table *7'*
- 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*
- 10. The estimated amount of groundwater withdrawn each year *547,500 gal.*
- 11. The log of formations encountered in the drilling of each well if available *none*
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. *none*

Signature of Owner

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 School of Mines and Quadruplicate for the Appropriator.

17353

17435

COPY

Filed DEC 30 1903 19

at 4:40 o'clock P.M.
MAY RATHBUN
County Clerk and Recorder

B2.00

PL