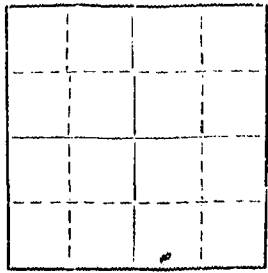


T. 15 N R. 18 E 9
County Fergus

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner..... Address.....
Driller..... Address.....
Date Started..... Date Completed.....
Location: Sec. 9 T. 15 R. 18 1/4 sec. SW 1/4 SE 1/4

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

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

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

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

Type of screen or perforations.....

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

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

Pumping water level..... feet at 10 gal. per min.....

How tested:.....

Length of test.....

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

(over)

T. 15 N R. 18 E 9
 County Fergus

STATE ENGINEER
MONTANA BUREAU OF MINES AND GEOLOGY
 Butte, Montana

WATER WELL LOG

Owner Address
 Driller Address
 Date Started Date Completed
 Location: Sec. 9 T. 15 R. 18 1/4 sec. SW 1/4 SE 1/4

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

Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other: Public Restaurant

Casing: 1 1/2 ft. to 3 1/2 ft. Type Size 5 1/2 / 1 1/2
 Casing: ft. to ft. Type Size
 Casing: ft. to ft. Type Size

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

Type of screen or perforations

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

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

Pumping water level: feet at 10 gal. per min.

How tested:

Length of test:

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

(over)

File No. 3200

T. 15. R. 18
County: Fergus

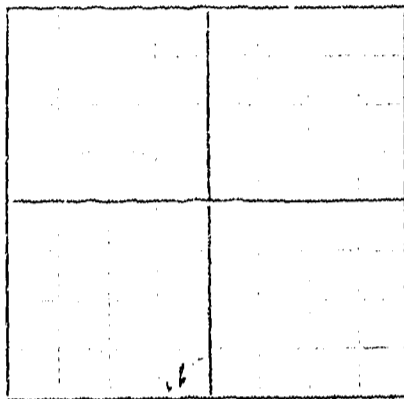
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul Joseph Lindeman, Box 627, Summit
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:



0. In 78 Fergus Heights
SE 1/4 Sec. 9 T15 R18
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
2 wells 150 ft apart

- 2. The beneficial use on which the claim is based irrigation
and traction Court
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Actual 1962
Sept. 17, 1962
Continuously
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 11.5 gal per minute
20 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. Pumps
In Block 78
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Sept 11 - Sept 17 1962
April 10 - April 20 1960
- 8. The depth of water table 2.0 ft and 118 ft
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
Depth 144 ft 4 in casing
Depth 83 ft casing
- 10. The estimated amount of groundwater withdrawn each year. 144,000
- 11. The log of formations encountered in the drilling of each well if available.
Block 78 Fergus Heights well
Block 78 Fergus Heights 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.

Signature of Owner Paul Joseph Lindeman
Date Feb 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

13200

COPY

Filed FEB 17 1953 19
10:00 a.m. A.M.
Wm. Nathan
County Clerk and Recorder
\$ 2.00 -

File No. 17815

T 15 R 18

DUPLICATE

County PERGUS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

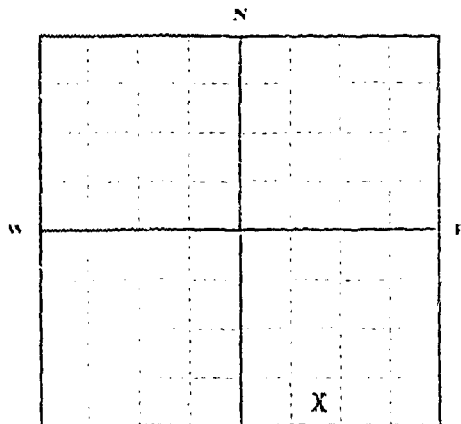
(Under Chapter 237, Montana Session Laws, 1961)

HARRIET JOYCE WOODS, Administratrix

1. of COLUMBUS L. WOODS ESTATE of 416 W. Corcoran, Lewistown
(Name of Appropriator) (Address) (Town)

County of PERGUS State of MONTANA

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



Lot 12, Block 73, Lewistown Heights
Sec. 9 T. 15 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
furnishes drinking water and water necessary for operation of business

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
JUNE, 1953 and continuous since

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

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

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

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 50'

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" 50'

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

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

COLUMBUS L. WOODS ESTATE

Signature of Owner HARRIET JOYCE WOODS
Executrix

Date December 31, 1963

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

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

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

17815

17615

State of Montana, } ss.
County of Park.

COPY

DEC 3 1963

at 4:45 o'clock P.M.

\$2.00 Pd MAY RATHEUN
County Clerk and Recorder

File No. 17355

DUPLICATE

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)
11 feet above

Owner EARL ZELENKA Address LEWISTOWN - HTS.

Driller [Signature] Address [Signature]

Date of Notice of Appropriation of Groundwater

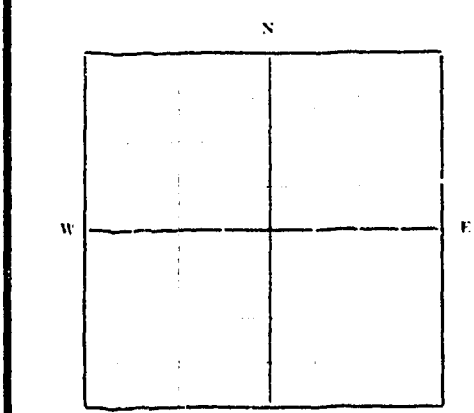
12/2/62 Date well started 5/62 Date Completed 5/62

Type of well (dug, driven, bored or drilled) 65 Equipment Used (Churn, drill, etc. or other) [Signature]

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)
<u>7/8"</u>	<u>4 1/2"</u>	<u>0</u>	<u>92.7</u>	<u>6 1/2"</u>	<u>68</u>	<u>93</u>



LGT'S 15-16 - PLCKER 38 LEW- HTS
1/4 Sec. 9 T15 R18
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 12 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level feet at gal. per minute.

Discharge in gal. per min. of flowing well.

How Tested 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)

No License Required until July.

Driller's License Number

[Signature]
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.

17355

State of Missouri
County of [unclear]

COPY

Filed

2:45 o'clock P.M.

#0.00
P. J.

Wm. Patton
Clerk and Recorder

File No. 17018

DUPLICATE

T N R

County

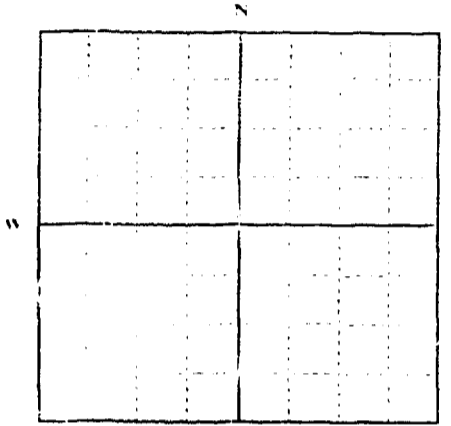
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Roy Harmon, of Route 2, 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, 1961, as follows:



Loc 11, Block 59, Lewistown
Heights Addition, R.

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

- 2. The beneficial use on which the claim is based **domestic use and lawn water**
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been **at least five years ago and used continuously since then.**
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) **about 2 1/2 gallons per minute and a like amount used by a neighbor**
- 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 jet deep well. Electric pump that draws water into a pressure tank**
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **at least five years ago**
- 8. The depth of water table **35 feet below 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 **drilled to a depth of about 55 feet and cased with about 6 inch casing**
- 10. The estimated amount of groundwater withdrawn each year **about 1,000,000 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 *Roy Harmon*
Date **12/23/63**

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

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

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

1107

17018

COPY

State of California
JUL 25 1963
3:25 P.
Mary Rathner
#200pt

File No. 18991

T. R.

7

DUPLICATE

County

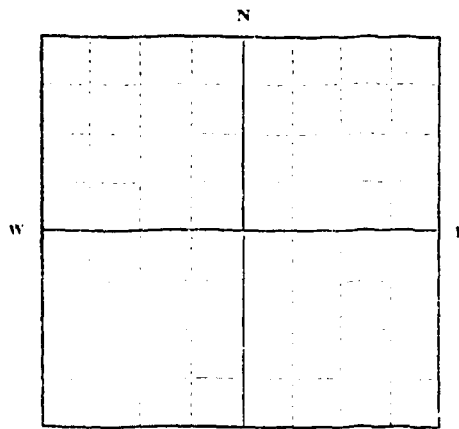
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *Lester A. Harford* of *Lewistown Heights* (Name of Appropriator) (Address) (Town)
County of *Deer Lodge* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 1 Block 46 Lewistown Heights *Block 46*
Deer Lodge Sec. *14* T. *12N* R. *10W*

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 *Home Supply Field Irrigation*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been *Summer 1953*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) *30 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 *Hand pump*

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *Date: Summer of 1953 Completed*
- 8. The depth of water table *10' height of 15 feet*
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater *Hand pump 2 1/2" dia. 20 feet. Dup. 2 1/2" dia. 20 feet. And part total depth 28 feet 2 feet dia. 4.5' high*
- 10. The estimated amount of groundwater withdrawn each year *10,000 gallons*
- 11. The log of formations encountered in the drilling of each well if available *Surface soil gravel sand and water bearing gravel*
- 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 *Lester A. Harford*
Date *12-1-63*

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 Quaduplicate for the Appropriator.

11403

16991

COPY

SEP 20 1963
4:00 P.M.
Wey Rattner
200 pm

File No. 17195

T. C. R. 17

DUPLICATE

County Beaverhead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

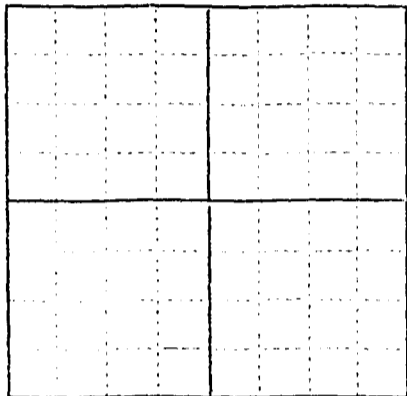
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Albert L. Schumann of Route 2 Beavertown
(Name of Appropriator) (Address) (Town)

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



Lot 11 Block 93 Beavertown
1/4 Sec. T5 R.13

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 & garden irrigation

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 17 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

Lot 11 Block 13 Beavertown
heights

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 7 pump in basement of house

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 1948

8. The depth of water table 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 long well 3 feet by 2 feet

10. The estimated amount of groundwater withdrawn each year 10,000 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 Albert L. Schumann

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.

17136

File No. 17580

T. 7 R. 6 E. 9
County

DUPLICATE

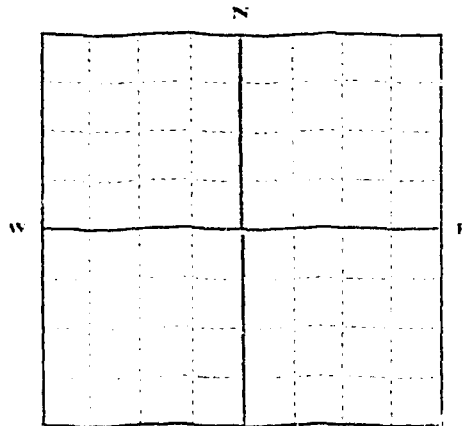
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *J. Allen Mendenhall*, of *Bozeman*, *Montana*
(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:



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*

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) *1.5*

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *between 1940 & 1942*

8. The depth of water table *12'*

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 *Open casing 90 ft*

10. The estimated amount of groundwater withdrawn each year *131,000 gal*

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

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 *J. Allen Mendenhall*
Date *Jan 31 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

17580

State of Montana }
County of Lewis & Clark }

COPY

Filed _____ 19____
at 10:54 o'clock A.M.
\$200.00
MAY PATTERSON
County Clerk and Recorder

File No. 17248

DUPLICATE

T 15 R 14
County Fergus

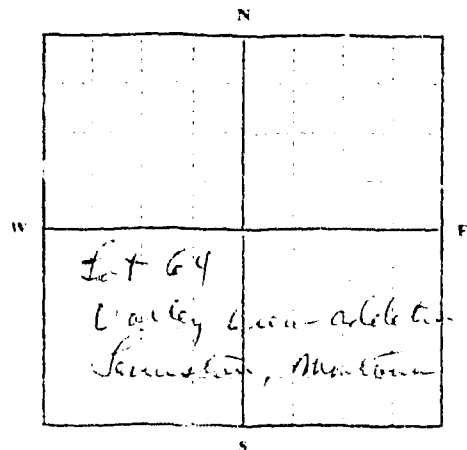
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. *Philip J. Detling* of *B. 42123* *Spokane, Washington*
(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. R.

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
Washing
- Date or approximate date of earliest beneficial use; and how continuous the use has been
July 1961
- The amount of groundwater claimed (in miner's inches or gallons per minute)
20 gpm
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Facilities on farm
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
July 1961
- The depth of water table
18 feet
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Casing 2 feet diameter 18 feet depth
- The estimated amount of groundwater withdrawn each year
10,000 gals
- 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
None

Signature of Owner

Date

Philip J. Detling
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.

17248

COPY

SEP 30 1963
11:20 A
W. R. Rathbone
\$200.00

G:

File No. 17250

T 15 R 18
County Fergus

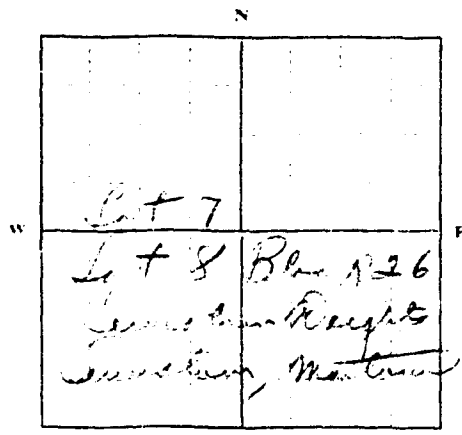
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Donald A. Ruskol of Box 504 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:



1/4 Sec. T. 15 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
W. Wheeler Val - Land Reclamation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
June 1953

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
20 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
1/4 Lot 8 Ruskol

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
June 1953 well on Lot 8 for the Ruskol
May 1961 well on Lot 7 for Wheeler Reclamation

8. The depth of water table
None - 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
18 feet deep 3' diameter casing

10. The estimated amount of groundwater withdrawn each year 25,000 gallons 15,000 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 Donald A. Ruskol
Date December 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.

17250

COPY

RECEIVED
DEC 30 1963
1120
May [Signature]
200

Form No. 15
8-60

T. 15 R. 15

County Hyuga County

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner _____ Address _____

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. _____ T. 15 R. 15 sec. _____

Lot 5, Block 58, Levee Heights

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

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

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

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

Perforated or Screened: Ft. _____ to ft. 20 Ft. _____ to ft. _____

Type of screen or perforations _____

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

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

(over)

17249

COPY

State of ...
County of ...

Filed ...
DEC 20 11 20

Wesley R. ...

\$2.00

File No. **24000** STATE WATER CONSERVATION BOARD

T. 15 R. 18

SEP 28 1965

DUPLICATE

Billie _____ McDermott _____
Butcher _____ McHenry _____
Covey _____ Martin _____
Darrington _____ Sullivan _____
Dickers _____

County of Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

- Top of Ground
- 9 Surface Soil
- 54 Gravel (Clay above sea level)
- 59 Shale-
- 170 Silty Shale
- 188 Shale-lentonite layers
- 203 Sandy Shale
- 215 Salt & Pepper Sand (Water)
- 220 Sandy Shale
- 230 Hard Sand Strks.
- Sandy Shale
- 248 Sandy Shale
- 251 Shell- Shale
- 260 Dark Grey Sand(tite)
- 270 Sandy Shale & Sand Strks.
- 273 Hard Cap Rock
- 284 Salt & Pepper Sand Good Porosity (Water)
- 294 Black Shale T.E.

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Fergus County, Montana Address Lewistown- Mont.
(Fair Grounds)

Driller Munson Drilling Co. Address Grass Range, Mont.

Date of Notice of Appropriation of Groundwater not applicable

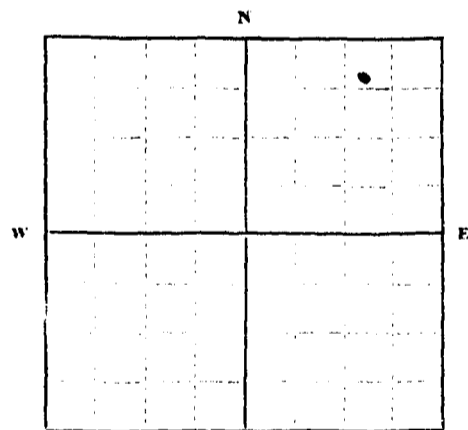
Date well started Aug. 11 --65 Date Completed Aug. 16-- 65

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
9"		0	59			
5 5/8"	5 5/8" C.	0	59			
	4 1/2" O.D. 10.5 Galv.	59	293			
		0	273	Regular	203	215



NE 1/4 Sec. 10 T. 15 R. 18

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. 20 feet.

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

Pumping Water Level. 200 feet at 30 gal. per minute.

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

How Tested. Leiling Length of Test 48 hrs. At Timed Intervals

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)

Surface Cemented
0 to 59 ft. Long String Cemented 0 to 60
Cave Type packer Set at 202 & 271
Open Hole 273 to 293

26
Driller's License Number

B. M. Munson
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.

24000

COPY

Filed SEP 27 1965
at 10:00 a.m. 10
Troy R. Rothman
County Clerk and Recorder
T.R.R.

FISCAL YEAR
NO. PER. IN FILE

File No. _____

T15N R18E

ORIGINAL

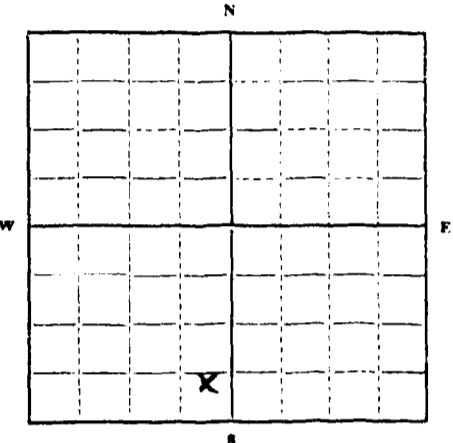
County FERGUS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. GEORGE L. MACHLER of P. O. BOX 88 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 SW 1/4 Sec. 10 T. 15N 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 Irrigation
Stock water and Industrial use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Continuously since
April 26, 1951.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 gallons per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
5 acres of land around well
SE 1/4 of SW 1/4 of Sec. 10 T. 15N R. 18E
George L. Machler

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 26, 1951

8. The depth of water table 510 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 Rotary drilled well with
6 in. iron pipe casing on top - 2 in. iron pipe from top to bottom.
Total depth 520 ft.

10. The estimated amount of groundwater withdrawn each year 1 1/2 million gallons.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No other information available.

Signature of Owner George L. Machler
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.

Duplicate

17.65

17237

COPY

DEC 30 1922
at 10:50 A.M.
Mary Platt
County Clerk and Recorder

820 p.m.

File No. _____

T. 15N R. 18E

~~ORIGINAL~~

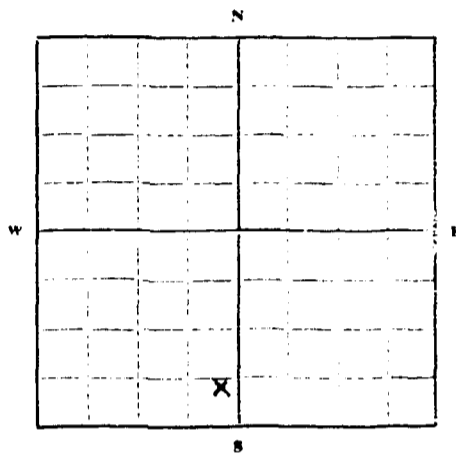
County FERGUS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. GEORGE L. MACHLER of P. O. BOX 88 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. 10 T. 15N 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. Domestic and irrigation

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 1 acre of land around well and residence SE 1/4 of SW 1/4 Sec. 10 T. 15N R. 18E George L. Machler

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Sometime in 1948

8. The depth of water table. About 80 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. Rotary drilled well with 4 inch iron pipe casing. Total depth 180 ft.

10. The estimated amount of groundwater withdrawn each year. 1 million gallons.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. No other information available

Signature of Owner

George L. Machler
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.

Duplicate

1769

17238

COPY

State of California
County of ...
Filed DEC 30 1963
at 10:50 a.m. H-11
Mary Rathbone
County Clerk and Recorder

* 200 ft.

File No. 17281

T 15 N R 18 E

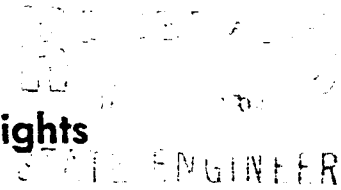
DUPLICATE

County FERGUS

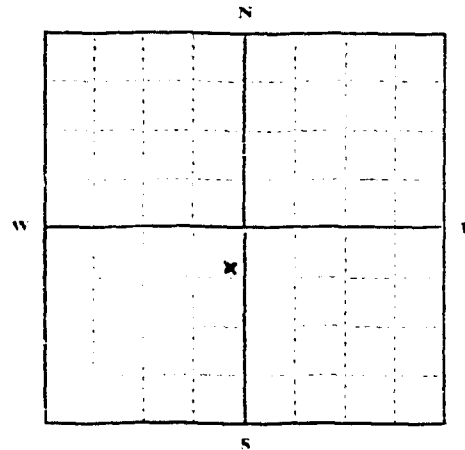
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)



1. ROSE MACHLER, of R. R. #2 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:



NE 1/4 SW 1/4 Sec 10 T. 15 N R 18 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 Domestic- Stock water- Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuously since April 1952

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 14 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 1 acre of land around residence NE 1/4 of SW 1/4 Sec. 10 T. 15 N R 18 E, Rose Machler

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian flow plus an electric driven pump for pressure.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1952

8. The depth of water table 2 levels (1 at about 580 ft.) (1 at about 680 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 Rotary drilled artesian well with 2 inch iron pipe from top to bottom. Total depth 785 ft.

10. The estimated amount of groundwater withdrawn each year 1 1/2 million gallons.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No other information available.

Signature of Owner [Signature]

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.

17204

17281

COPY

State of New York
County of ...

Filed DEC 30 1963

1:40 P. M.

Wm. J. ...
County Clerk

#200-21

File No.

T 15 R 18

DUPLICATE

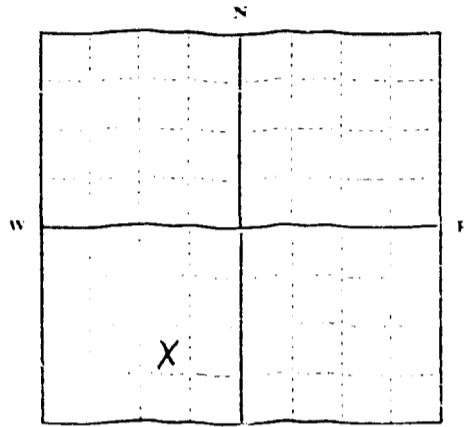
County *Fergus*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *Darrell L. Bishop* of *707 E. Blvd* *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:



Tract 3 1/4
SE 1/4 SW Sec. 11, T. 15, R. 15

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 yard & garden*

3. Date or approximate date of earliest beneficial use, and how continuous the use has been *1930 Steady use*

4. The amount of groundwater claimed (in miner's inches or gallons per minute) *16 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
1 Lot Lawn & Garden Myself & WIFE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *Electric Pump in basement of house*

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *Before 1930 Date unknown*

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 *Dug well about 14 feet deep 24 inch galvanized steel liner*

10. The estimated amount of groundwater withdrawn each year *50,000 to 75,000 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 *Book 1 Page 62 Line 9 of Tax Record Book 144 Page 135 Book of deeds*

Signature of Owner *Darrell L. Bishop*
Date *December 31 1963*

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

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

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

17622

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

DEC 31 1963

COPY

Filed _____ 19____
at 1:05 o'clock P.M.
27 Ed. MAY WATBUN
County Clerk and Recorder

File No. 17032

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

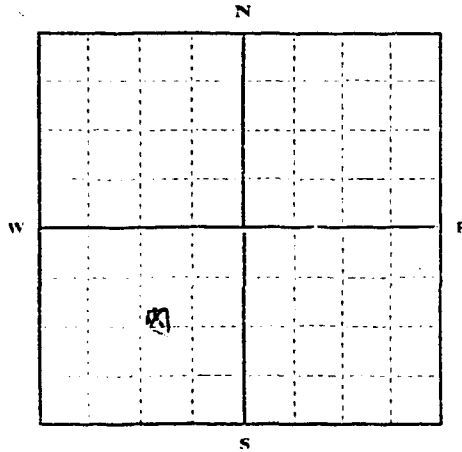
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. _____, of _____
(Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec. 11, T. 15, 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 _____

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

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

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 _____

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

8. The depth of water table _____

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

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 *E. M. Bauman*

Date *Dec. 26 '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.

17032

-OF-

State of Montana, } ss.
County of Lewis & Clark }

Filed..... SEP 26 1963
at..... Helena, Mont. A.
W. J. R. R. R.
County Clerk and Recorder

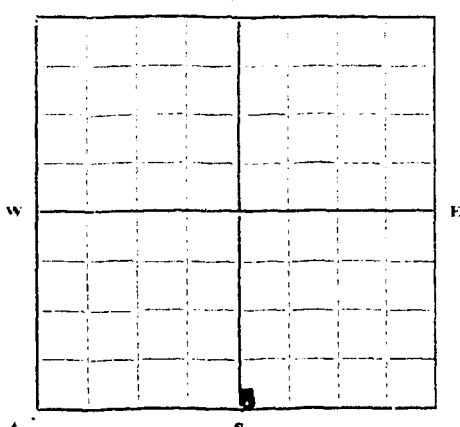
& 2nd

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CGDE
 OFFICE OF STATE ENGINEER

RECEIVED
 AUG 1 1963
 STATE ENGINEER

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

1. of (Name of Appropriator) (Address) (Town) 59757
 County of State of
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Section 1/4 Sec. 11 T. 12 R. 10
 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.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
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.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
8. The depth of water table.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
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
 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.

15047 COPY

State of Tennessee
County of Davidson
Filed JUL 31 1963
at 10:00 o'clock A.M.
Mary Ralston
County Clerk and Recorder

92-11

File No. 17648

T 15 R 22

DUPLICATE

County

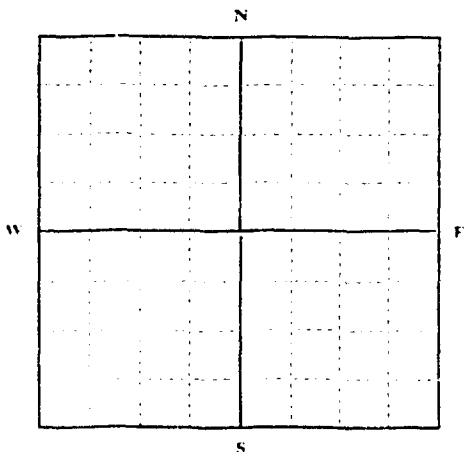
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. _____ of _____
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based _____

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

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

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 _____

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

8. The depth of water table _____

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

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 *B. H. Teller*

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.

19109

17649

CC 1

State of Montana }
County of Fergus } ss.

Filed DEC 28 19

at 1135 Block M

H. J. Ed. MA
County Clerk and Recorder

File No. **17136**

T. **15** R. **18**

DUPLICATE

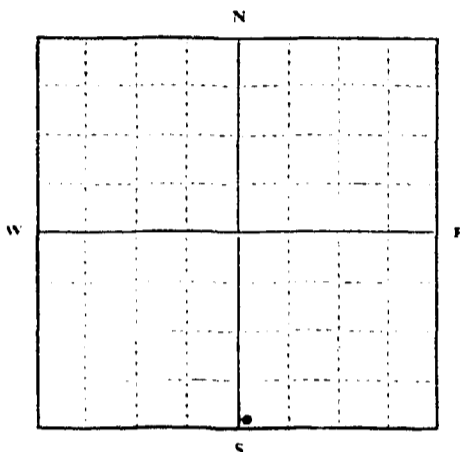
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **EMMA KOLJHA**, of **Route 2, 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. 11 T. 15 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
Domestic purposes and irrigate garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1923**
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). **5 gallons per minute**
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Garden plot immediately adjacent to house
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
electric pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **estimated in 1923**
- 8. The depth of water table **12 feet**
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **water well with 12" casing about 12 feet deep.**
- 10. The estimated amount of groundwater withdrawn each year **2,628,000**
- 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**

Signature of Owner *Emma Koljha*
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.

171367

17136

COPY

Filed DEC 27 1953 19____
at 1:50 o'clock P. M.
Way Nathan
Court Clerk and Recorder
\$2.00

File No. 16744

T. R.

DUPLICATE

County

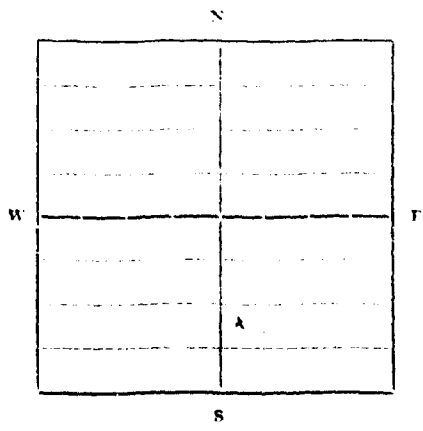
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

5000
10000

1. _____ of _____
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 11, T. 15, 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
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
- 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

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
- 8. The depth of water table
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
- 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

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.

16744

16744

OPY

DEC 11 1963

3:20

Wey Pethum

200 pt

File No. 16743

T R

DUPLICATE

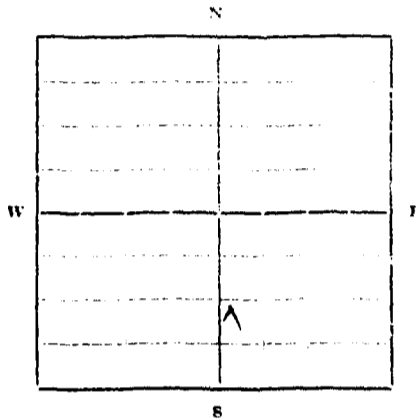
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. I, W. W. McDonnell, of 390, Lewistown (Name of Appropriator) (Address) (Town)
County of Bergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 SE Sec. 11 T15 R. 18

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 using plant for gravel pit
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1957
about 4 months each year
- The amount of groundwater claimed (in miner's inches or gallons per minute) 250 gals 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 none
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 3 day cable tool
- The depth of water table Static Lower 2 or 3 feet 400 water
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater duped - 5" perforated casing gravel packed
- The estimated amount of groundwater withdrawn each year don't know
- The log of formations encountered in the drilling of each well if available 15' Sand & Gravel; 45 - 75 Sand Stone
- 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 12-6-63

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.

16743 COP

1963
3:20
Way Ralther
County Clerk and Ex. Secy.
2:00 pm

File No. 16961

T. H. Y. R. S. ✓

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

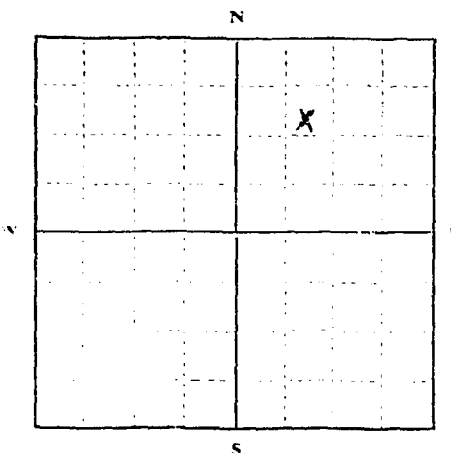
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. J. G. McDonald, of P.O. Box 390, Lewistown (Name of Appropriator) (Address) (Town)

County ofergus 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. 11 T. 15R. 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 -- dam runoff

3. Date or approximate date of earliest beneficial use; and how continuous the use has been approx 1956 built -- stock water -- continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) approx. 60 acre 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 non irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal no withdrawal

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater dam built summer of 1956

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 no withdrawal -- dam stock water only

10. The estimated amount of groundwater withdrawn each year none

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

Signature of Owner

Date

J. G. McDonald
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.

11311

16961

COPY

APR 20 1983
10:30 A.M.
Mary Rathbone
#200-gh

File No. 16960

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

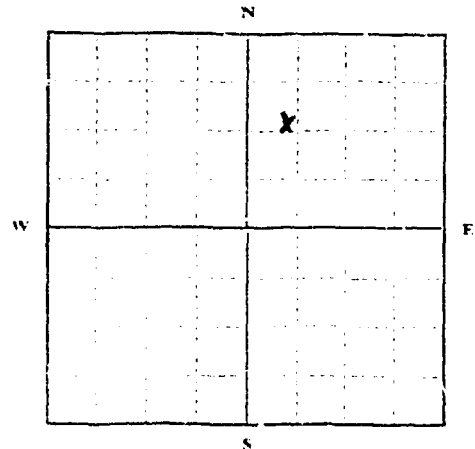
RECEIVED
DEC 23 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. J. G. McDonald, of P.O. Box 390, 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. 11 T15 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 Dams
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Summer of 1944
Stock water - continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
approx 50 acre 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
no irrigation
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
no withdrawal

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Dam built summer of 1944

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
no withdrawal - stock water only

10. The estimated amount of groundwater withdrawn each year none

11. The log of formations encountered in the drilling of each well if available none

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

Signature of Owner

Date

J. G. McDonald
12-20-62

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.

11380

16960

COPY

Seal of the County of ...
California

DEC 28 1963

10:30 AM

Way Nathan
County Clerk and Recorder

3200-1st

File No. 16742

T. 15 R. 18

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground (Elev. above sea level)	
0	1 Topsoil
1	30 Dark Shale
30	36 Sandrock
36	50 Dark Shale
50	56 Sandrock
56	62 Shale
62	85 Sandrock Water at 72'
85	100 Grey Sandy shale

Owner: Bill McDonald Address: Lewistown, Montana

Driller: George C. Singley Address: Lewistown, Montana

Date of Notice of Appropriation of Groundwater: None

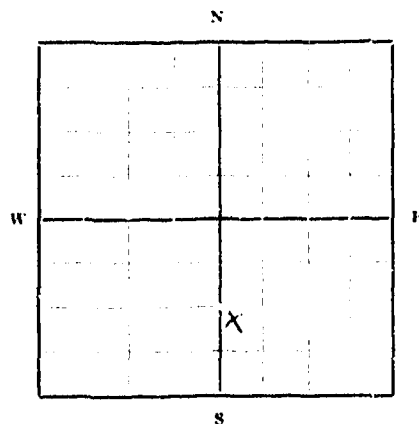
Date well started: July 18, 1962 Date Completed: July 21, 1962

Type of well: Drilled Equipment Used: Casing 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)	From (Feet)	To (Feet)	
6 1/2"	6 ID 19#	above ground	1	56				



S4 1/4 SE Sec. 11 T 15 R 18

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: 30 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level: 70 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: Bailing Length of Test: 1 hr.

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)

Casing sealed with Drive Shoe

#19

Driller's License Number

Driller's Signature

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

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

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

7692

16742

COPY

City of ...
DEC 1 1963 19
3:20 P.M.
Wey Ralston
Council Clerk and Recorder

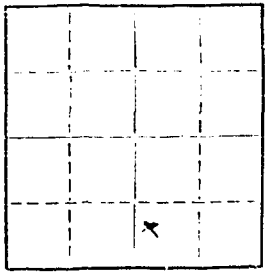
4200 ph.

RECEIVED
 APR 11 1937
 STATE ENGINEER

T. 15N R. 18E
 County: MISSOULA

MONTANA BUREAU OF MINES AND GEOLOGY
 Butte, Montana

WATER WELL LOG



Owner: J. J. ... Address: ...
 Driller: ... Address: ...
 Date Started: ... Date Completed: April 4, 1937
 Location: Sec. 11 T. 15 R. 18 1/4 sec. SW 1/4 SE 1/4

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

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

Casing: 1' ft. to ... ft. Type: ... Size: 5 7/16

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

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

Perforated or Screened: Ft. ... to ft. 79 Ft. ... to ft. ...

Type of screen or perforations: _____

Static Water level, for non-flowing well: 7 feet.

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

Pumping water level: 7 feet at ... gal. per min.

How tested: ...

Length of test: ...

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

Gravel ... C-70 ... 5 7/16 ...

(over)

File No 16745

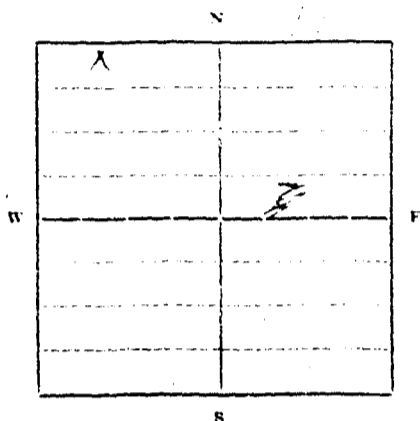
DUPLICATE

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



NW NW
SE Sec. 12 T. 12 R. 10

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 [Handwritten]
- Date or approximate date of earliest beneficial use; and how continuous the use has been [Handwritten]
- The amount of groundwater claimed (in miner's inches or gallons per minute) [Handwritten]
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof [Handwritten]
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal [Handwritten]
- The date of commencement and completion of the construction of the well, well, or other works for withdrawal of groundwater [Handwritten]
- The depth of water table [Handwritten]
- 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 [Handwritten]
- The estimated amount of groundwater withdrawn each year [Handwritten]
- The log of formations encountered in the drilling of each well if available [Handwritten]
- 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 [Handwritten]

Signature of Owner [Handwritten Signature]
Date [Handwritten 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.

767

16745

COPY

DEC 11 1963
3:20
Wey Rathen
Journalist and Recorder

2nd pt.

GW 17176

File No.

DUPLICATE

Approved by State Engineer, Helena, Montana

T 15 R 18 E

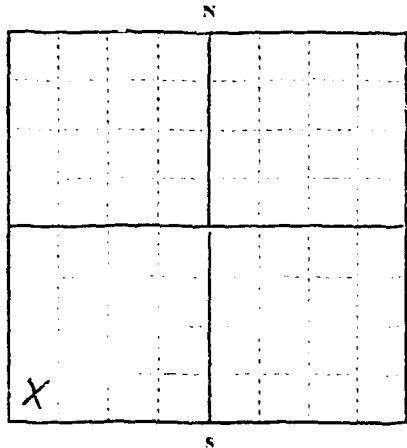
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **William A. Spoja**, 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 SW 1/4 Sec. 12 T. 15 R. 18 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 **water for household use including garden and house area, stock water.**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **Approximate date of development is 1889. Well has been in continuous use since that time.**

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. **Irrigation use - one acre; SW 1/4 S. 12 T. 15 R. 18 E. Owner - William Spoja, Lewistown, Montana.**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. **1889-initial digging and use. 1938-re-cased with cement casing, brought to present condition.**

8. The depth of water table **twelve (12) feet.**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. **type - hand dug, size - 36 inch cement casing, depth - twenty-two (22) feet.**

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. **No formal log; gravel formation encountered.**

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 known in reference to underground water.**

Signature of Owner

William A. Spoja
Date **Dec 29 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.