

3811 1/2

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 27 1963

at 7:13 ^{Date} o'clock 9 M.

J. L. LEITCH
County Clerk and Recorder.

By [Signature]
Deputy.

File No.

T. **19N** R. **2E**

DUPLICATE

County **Cascade**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

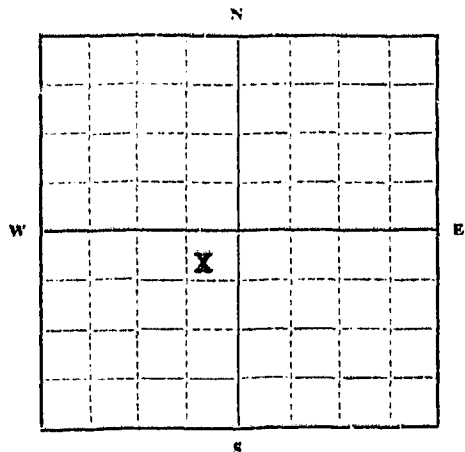
RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **The Montana Power Company** of **40 East Broadway** **Butte**
(Name of Appropriator) (Address) (Town)
County of **Cascade** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 8,
NE 1/4 Sec. 5 T19N R. 2E

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 water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1939

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
10 gallons per minute - 24 hours per day

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.....
Well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
1939

8. The depth of water table.....
10 to 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.....
10 to 15 feet, sand point

10. The estimated amount of groundwater withdrawn each year.....
40,000 gallons

11. The log of formations encountered in the drilling of each well if available.....
Well dug with post hole digger and sand point installed

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.....
Well close to bank of Missouri River

(CORPORATE SEAL)
ATTEST: *[Signature]*
Its Secretary

THE MONTANA POWER COMPANY
Signature of Owner By *[Signature]*
Vice President
Date **February 1, 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.

#3082
STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
APR 12 1962

Date
at 5:30 o'clock P. M.

J. L. LENNON
County Clerk and Recorder.

By [Signature]
Deputy.

File No.

T. **19N** R. **2E**

DUPLICATE

County **Cascade**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

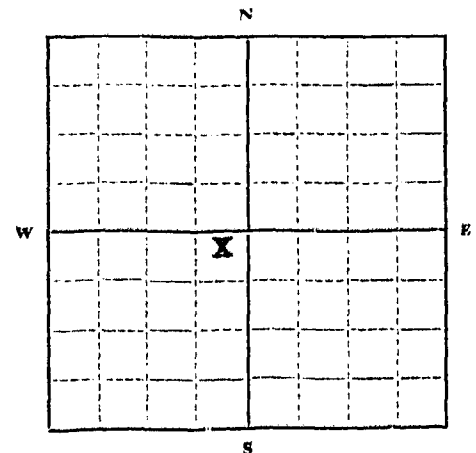
RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **The Montana Power Company** of **40 East Broadway** **Butte**
(Name of Appropriator) (Address) (Town)
County of **Cascade** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 8,
NE 1/4 Sec. 5 T19N R. 2E

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 water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been..... **1939**

4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... **10 gallons per minute - 24 hours per day**

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.....
Well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... **1939**

8. The depth of water table..... **10 to 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.....
10 to 15 feet

10. The estimated amount of groundwater withdrawn each year..... **80,000 gallons**

11. The log of formations encountered in the drilling of each well if available.....
Dug with post hole digger and sand point installed

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.....
Well located close to bank of Missouri River

(CORPORATE SEAL)
ATTEST: *[Signature]*
Its Secretary

THE MONTANA POWER COMPANY
Signature of Owner By *[Signature]*
Vice President
Date..... **February 1, 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.

STATE OF MONTANA, } #3083
County of Cascade. } ss.

I hereby certify that the within instrument was filed in this office on
APR 12 1962

Date
at 5:31 o'clock P.M.

J. L. LENNON
County Clerk and Recorder.

By Bui
Deputy.

File No.

T. 19N R. 2E

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

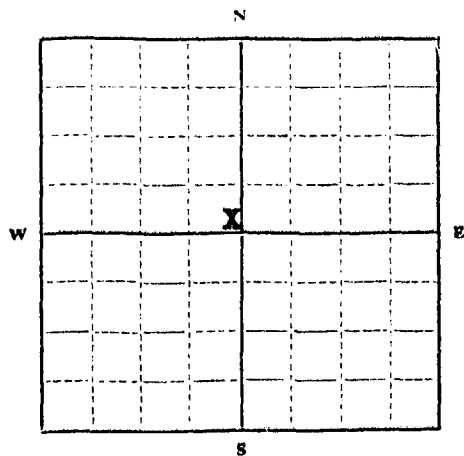
RECEIVED

STATE ENGINEER

1. The Montana Power Company of 40 East Broadway Butte
(Name of Appropriator) (Address) (Town)

County of Cascade State of Montana

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



SE 1/4 NW 1/4 Sec. 5 T19N R. 2E

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 consumption and livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
1939

4. The amount of groundwater claimed (in miner's inches or gallons per minute)...
10 gallons per minute - 24 hours per day

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...
Well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
1939

8. The depth of water table...
10 to 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...
10 to 15 feet

10. The estimated amount of groundwater withdrawn each year...
80,000 gallons

11. The log of formations encountered in the drilling of each well if available...
Well dug with post hole digger and sand point installed

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...
Well located close to bank of Missouri River

(CORPORATE SEAL)
ATTEST:
[Signature]
Its Secretary

BY [Signature] **MONTANA POWER COMPANY**
Signature of Owner By [Signature]
Vice President
Date February 1, 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.

APR 12 1962

1962

1962

STATE OF MONTANA, }
County of Cascade. } ss.

#3086

I hereby certify that the within instrument was filed in this office on

APR 12 1962

Date

at 8:30 o'clock a M.

J. L. LENTON

County Clerk and Recorder.

By [Signature] Deputy.

File No.

MONTANA WATER RESOURCES BOARD

RECEIVED

T. 19 R. 2 E

DUPLICATE

MAR 2 1970

County. CASCADE

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

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

Owner. THOMAS W. O'HARA Address. BOX 215 ULM
MONT. 59485

Driller. SELF Address.

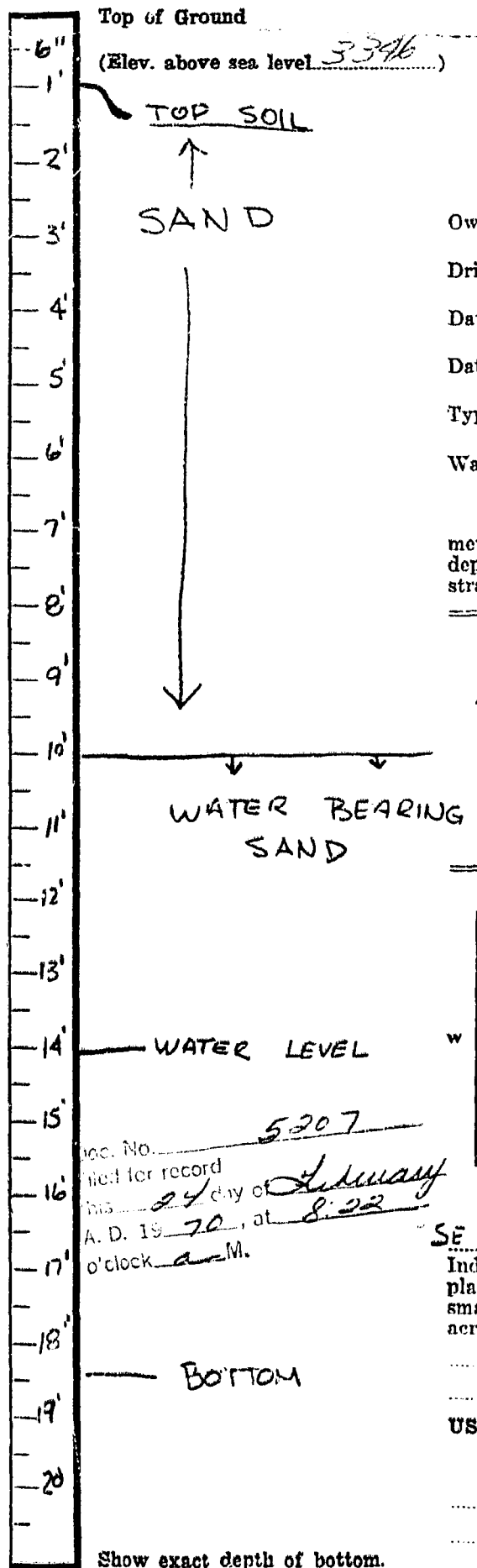
Date of Notice of appropriation of groundwater.

Date well started. 20 APR 68 Date completed. 20 APR 68

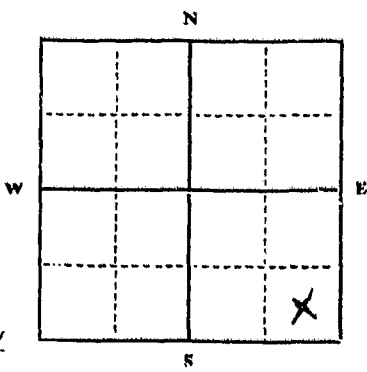
Type of well. DRILLED Equipment used. POST AUGER
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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 Casings	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	SHALLOW WELL 1 1/4" PIPE	0	15	#80 SAND POINT	15	18 1/2



Static Water Level for non-flowing well feet.

Shut-in Pressure for Flowing Well feet.

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)... SHALLOW WELL
1 1/4" PIPE WITH #80 SAND
POINT. GRAVEL PACKED
AROUND PIPE

Indicate location of well and place of use, if possible. Each small square represents 40 acres.
SE 1/4 Sec. 6 T. 19 R. 2 E

.....(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

SELF

Driller's Signature.

46213

5207

STATE OF MONTANA, }
County of Cascade. }

I hereby certify that the within instrument was filed in this office on

FEB 24 1970

Date

at 8:22 o'clock PM

J. L. LENNON

County Clerk and Recorder.

BY R. P. Balena
Deputy.

File No.

RECEIVED

T. 19 R. 2E

DUPLICATE

MAR 2 1970

County CASCADE

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1963

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

Owner THOMAS W. O'HARA Address BOX 215 ULM
MONT 59485

Driller SELF Address

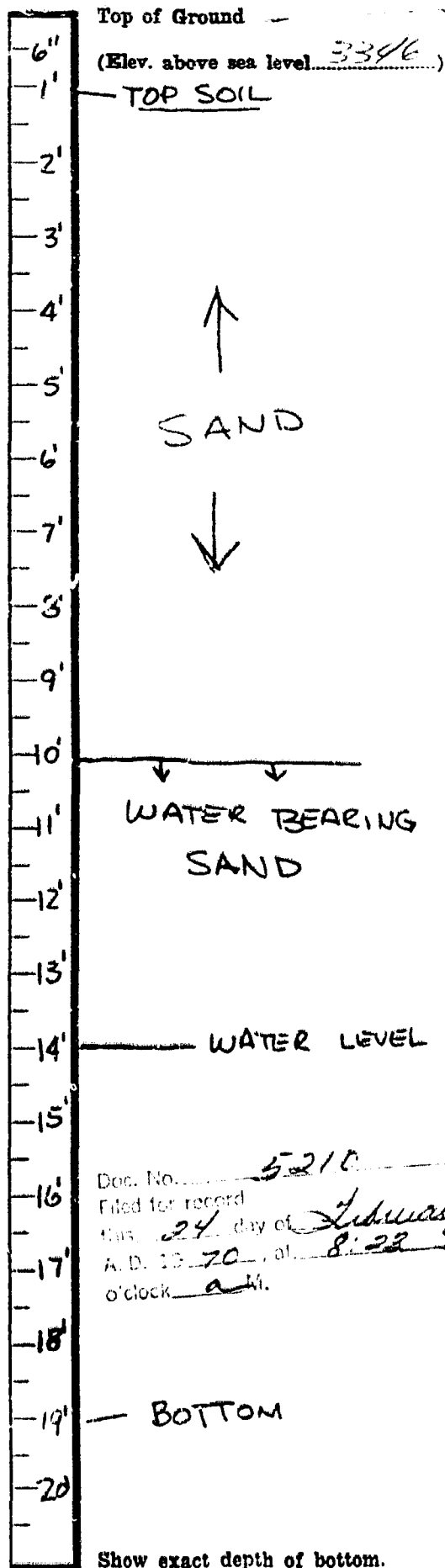
Date of Notice of appropriation of groundwater FEB 11 1970

Date well started 14 AUG 69 Date completed 14 AUG 69

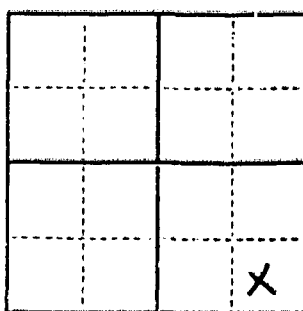
Type of well DRILLED Equipment used POST AUGER
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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)
4"	SHALLOW WELL 1 1/4" PIPE	0	15	#80 SAND POINT	15	19



Static Water Level for non-flowing wellfeet.

Shut-in Pressure for Flowing Wellfeet

Pumping Water Levelfeet
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). SHALLOW WELL
1 1/4" PIPE WITH #80 SAND
POINT. GRAVEL PACKED
AROUND PIPE

(Continue on reverse side)

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

USED FOR GARDEN & TREES
ON 2.84 ACRE TRACT OF LAND

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

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

Driller's License Number

SELF

Driller's Signature.

16214

5210

STATE OF MONTANA
County of Cascade.

I hereby certify that the instrument was filed on

FEB 24 1970

Date

at 8:23 o'clock P.M.

J. L. F. [unclear]
County [unclear]

By [Signature]

File No.

T. R.

DUPLICATE

County

LOG



Top of Ground
(Elev. above sea level 336)

0 - 2 FT - LOAM
 2 - 125 - SAND SILT
 125 - 195 - SILT
 195 - 205 - WATER, SAND
 & FINE GRAVEL
 205 - 206 - RED SHALE

WATER FILLED UP TO
12 FT. FROM TOP

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 Robert C. Corrigan Address Ex-161, Helena, Mont.

Driller E. D. Rafferty Address 227-10 Ave. S.W.,
Great Falls

Date of Notice of appropriation of groundwater

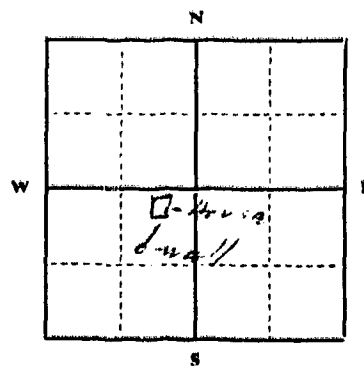
Date well started 02/22/69 Date completed 02/22/69

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 INCH	55/100 lb. Black Iron 17 lbs. per foot	0	206	Casing driven open end thru gravel		



$\frac{3}{4}$ Sec. 7, T. 19, R. 2 E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 12 feet.
 Shut-in Pressure for Flowing Well N/A
 Pumping Water Level 4.0 feet
 at 4.0 gal. per minute.
 Discharge in gal. per min. of flowing well N/A
 How Tested 34.181
 Length of Test TWO HOURS
 Remarks: (Gravel packing, cementing, packers, type of shutoff)

(Continue on reverse side)

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

N/A

Show exact depth of bottom.

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

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

425
Driller's License Number

E. D. Rafferty
Driller's Signature

45654

5184

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 22 1969

STATE OF MONTANA, }ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
SEP 17 1969

Date

at 11:40 o'clock A M

J. L. LENNON
County Clerk and Recorder.

By *[Signature]*
Deputy.

File No.

T. 19 N. R. 2 E

DUPLICATE

County Cascade

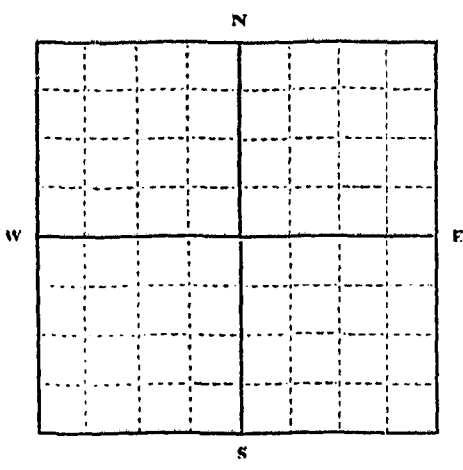
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth and Michael Krogh, of Box 182 Uln
(Name of Appropriator) (Address) (Town)
County of Cascade State of MONTANA Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S1/4 Sec. 7 T. 19N R. 2E
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based.....
House and garden and stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been..... Nov. 1963 In continuous use since
- 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
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Jet Pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... Start in Aug. finish in Nov. 1963
- 8. The depth of water table..... 20 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. Sand point six and one half inch
Bottom 24 feet
- 10. The estimated amount of groundwater withdrawn each year..... 50,000 gals
- 11. The log of formations encountered in the drilling of each well if available..... Sand
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....
Reel 6 Doc. No. 1506

Signature of Owner Kenneth & Michael Krogh
Date Dec. 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

4521

DEC 31 1966

RECORDED
TIME 2:39 P
DOCUMENT NO. _____

J. L. LENNON
CLERK AND RECORDER
CASCADE COUNTY, MONTANA

BY *[Signature]*
DEPUTY

File No.

T. 19 R. 2E

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964
STATE ENGINEER

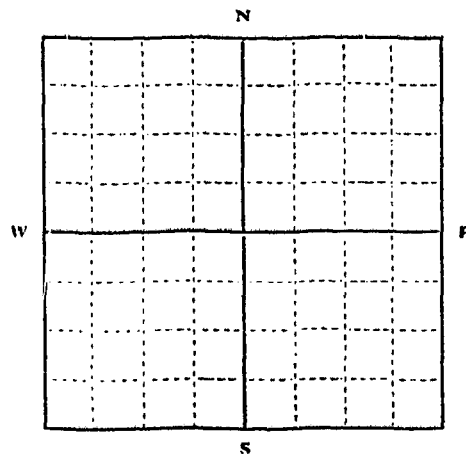
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth and Michael Krogh, of Box 152, Ulm, Montana
(Name of Appropriator) (Address) (Town)

County of Cascade State of Montana

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



1/4 Sec. 7 T19N R. 2E

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

2. The beneficial use on which the claim is based
House and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Nov. 1961 in continuous use since

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Oct. 1961 Comp. Nov. 1961

8. The depth of water table
20 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 — Sand point size One and half inch Bottom 24 feet

10. The estimated amount of groundwater withdrawn each year
20,000 gal. a year

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
Reel 6 Dec. No. 4506

Signature of Owner Kenneth & Michael Krogh
Date Dec. 31, 1963

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

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

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

28507

4570

RECORDED _____
TIME 2:28 PM
DOCUMENT NO. _____

J. L. LENNON
CLERK AND RECORDER
CASCADE COUNTY, MONTANA

BY [Signature]
DEPUTY

File No.

T. 19N R. 2E

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 5 1964

Declaration of Vested Groundwater Rights

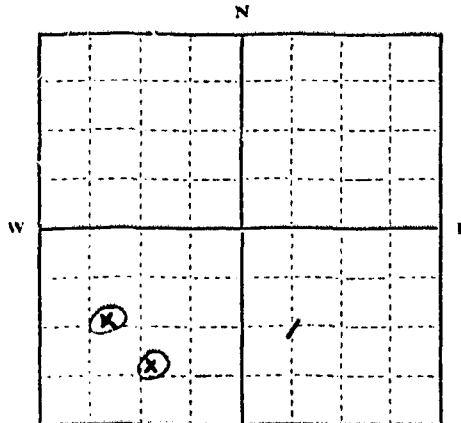
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Lawrence F. Pike, of Ulm
(Name of Appropriator) (Address) (Town)

County of Cascade State of Montana

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



approximate
SW 1/4 Sec. 7 T. 19N R. 2E

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 & irrigation

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1,000 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 43 acres, irregular tract of land in SW 1/4 - 5 T. 19N R. 2E MPM Lawrence F. Pike

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1961 and May 1963

8. The depth of water table 12 1/2 feet approx

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 cased well, one open pit, 2 foot casing, 20x70 pit, misc pumping & piping equipment

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

Signature of Owner L. F. Pike

Date Dec 31, 1963

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

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

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

4454

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 31 1969

at 1:20 o'clock M.

J. L. LENNON

County Clerk and Recorder.

By

J. J. Johnson
Deputy.

File No.

T. **19N** R. **2E**

DUPLICATE

County **Cascade**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

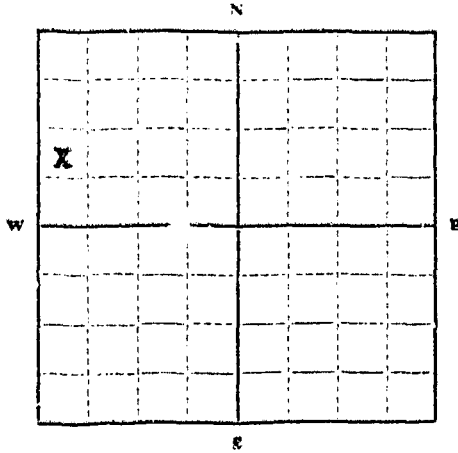


Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **The Montana Power Company** of **40 East Broadway** **Butte**
(Name of Appropriator) (Address) (Town)
County of **Cascade** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 9 T19N R. 2E

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 consumption and livestock water**
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **1910**
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). **10 gallons per minute - 24 hours per day**
- 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. **Well**
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. **1910 approx. - hand pump**
- 8. The depth of water table. **About 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. **Sand point, 10 feet depth**
- 10. The estimated amount of groundwater withdrawn each year. **9,000 gallons**
- 11. The log of formations encountered in the drilling of each well if available. **Sand and 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. **well about 1200 feet from bank of Missouri River**

(CORPORATE SEAL)

ATTEST:

[Signature]
Its Secretary

THE MONTANA POWER COMPANY

Signature of Owner BY *[Signature]*
Vice President
Date **February 1, 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.

45057

STATE OF MONTANA,)
County of Glacier,) ss.

I, Clerk of said County, do hereby certify that the within is
the true and correct copy as it appears in this office on

APR 12 1962

at _____
8:30

By _____
S. Seco

File No.

T. **19N** R. **2E**

DUPLICATE

County **Cascade**

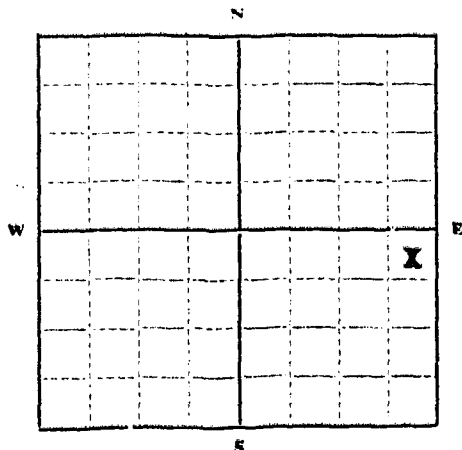
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **The Montana Power Company** of **40 East Broadway** **Butte**
(Name of Appropriator) (Address) (Town)
County of **Cascade** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 7,
NE 1/4 Sec. 9 T19N R. 2E

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 water

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) **Natural spring, estimate 5 gallons per minute - 24 hours per day**

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.....
Natural spring. Dug out and piped into wood tank.

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... **800,000 gallons**

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... **Spring comes out of hill close to Missouri River. About 50' up from bottom land level.**

(CORPORATE SEAL)
ATTEST: *[Signature]*
Its Secretary

THE MONTANA POWER COMPANY
Signature of Owner By *[Signature]*
Vice President
Date **February 1, 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.

STATE OF MONTANA }
County of Lewis & Clark }

#2683

I, _____, do hereby certify that the within and
attached is a true and correct copy of the _____

APR 12 1962

at _____
S. 36

J. E. _____
County Clerk

By _____
Deputy.

File No. _____

T. **19N** R. **2E**

DUPLICATE

County **Cascade**

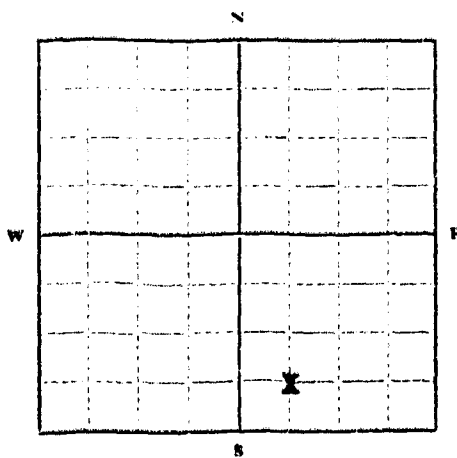
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **The Montana Power Company** of **40 East Broadway** **Butte**
(Name of Appropriator) (Address) (Town)
County of **Cascade** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 SE 1/4 Sec. 18 T19N R. 2E

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 water**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1940**

4. The amount of groundwater claimed (in miner's inches or gallons per minute) **10 gallons per minute - 24 hours per day**

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 **Well**

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

8. The depth of water table **10' to 15'**

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' to 15' sand point**

10. The estimated amount of groundwater withdrawn each year **80,000 gallons per year**

11. The log of formations encountered in the drilling of each well if available **Sand and 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 **Well about 1500' away from river bank**

(CORPORATE SEAL)

ATTEST:

[Signature]

Its Secretary

THE MONTANA POWER COMPANY

Signature of Owner By

[Signature]

Vice President

Date **February 1, 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.

7.3085

STATE OF MICHIGAN
County of Cass

I hereby certify that the will in
statement was filed in this office on

APR 12 1962

at 533 and

5. E. ...
County Clerk and Recorder.

By Bliss
Deputy.

File No.

T. 19 R. 2E

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

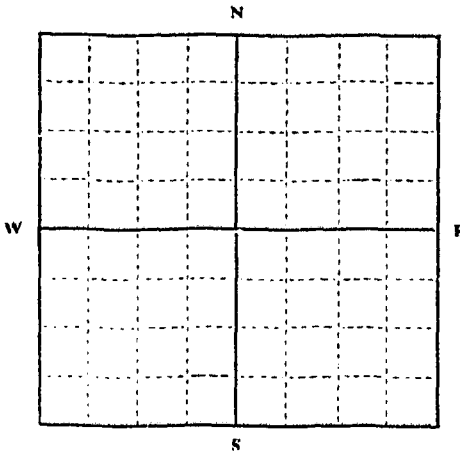
JAN 9 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. H. K. Standley, of Route 100, Cascade
(Name of Appropriator) (Address) (Town)

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



Sec. 30 T. 19 R. 2E

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
water for kitchen irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1916 continually up to 1953

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
One acre in the SW 1/4 of Section 30
T. 19, R. 2E

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Centrifugal
pump driven by electric motor
100 feet of 1 1/2" pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1916

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 100 ft of 1 1/2" pipe and cement box

10. The estimated amount of groundwater withdrawn each year 3,300,000 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 H. K. Standley

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.

28057

4072

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within instrument was filed in this office on

DEC 30 1963

Date

at 7:26 o'clock P. M.

J. L. LENNON

County Clerk and Recorder.

By [Signature] Deputy.

File No.

T. 9 R. 32

DUPLICATE

County Cascade

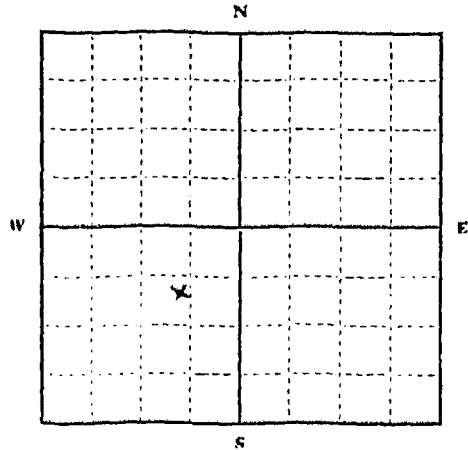
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 9 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SW 1/4 Sec. 21 T. 32 R. 32

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 is stock water and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1912 all the 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. It will be used on 2 acres in the SW 1/4 Section 21 Township 32 Range 32. The owner is H. M. Standley.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. See line water and piston pump SW 1/4 Section 21 Township 32 Range 32.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1912.

8. The depth of water table 51 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. It drilled well with four inch casing. The depth is 51 feet.

10. The estimated amount of groundwater withdrawn each year 500,000 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 H. M. Standley
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.

19659

40-4

CLERK OF SUPERIOR COURT
County of ...

I hereby certify that the within
instrument was filed on this date
Oct 15 1905

Filed 7:28 P.M. 1905

By Bois

File No.

T. 19 R. 2E

DUPLICATE

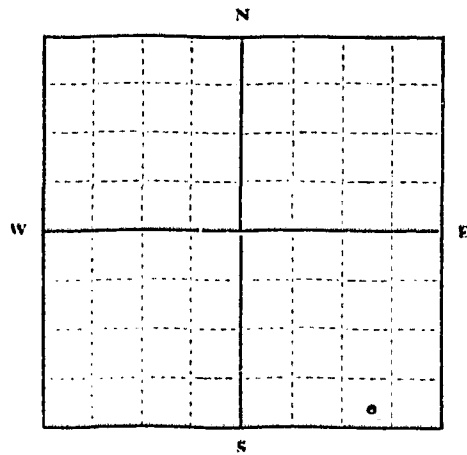
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Joseph F. Marxer**, of **244 - 18 Ave. NW, Great Falls**
(Name of Appropriator) (Address) (Town)
County of **Cascade** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 22 T. 19 R. 2E

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 **Watering Livestock**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **July 1935 Used during dry years.**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **15 gallons per minute**
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof **Not used for irrigation**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **Pipe cylinder and pump jack.**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **July 1935**
8. The depth of water table **130 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, 6" casings, 150'.**
10. The estimated amount of groundwater withdrawn each year **33,600 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 known.**

Signature of Owner *Joseph F. Marxer*
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.

27879

3891

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
Dec 27 1902

Date

3 0 6 o'clock P. M.

J. L. LENNON

County Clerk and Recorder.

By

E. J. [Signature]

Deputy

23

File No.

T. 19 R. 28

DUPLICATE

County Cascade

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 3300 ft.)
0 to 24 Ft. Sand
24 to 26 Ft. Quicksand
26 to 130 Ft. Gumbo clay
130 to 143 Ft. Cemented Gravel
143 to 145 Ft. Gravel (Water)

Owner Joseph F. Merrer Address Millegan Route, Great Falls

Driller Soemichsen Drilling Co. Address 2300-13 St. So. Great Falls

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

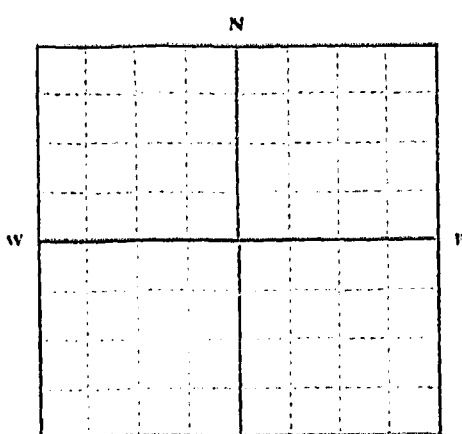
Date well started May 25, 1964 Date Completed June 5, 1964

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)
6 5/8"	6 5/8" 12.89/lb.	0	133	none		



NE 1/4 Sec. 23 T19 R. 28
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 50 feet.

Shut-in Pressure for Flowing Well not flowing

Pumping Water Level 60 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well not flowing

How Tested bailer Length of Test 2 hours

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

Driller's License Number

Driller's Signature

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

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

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

38220

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within In-
strument was filed in this office on

JUN 22 1964

at 459 West P. M.

J. E. HARRISON
County Clerk and Recorder

By J. E. Harrison
Deputy

File No.

T. 19 R. 2E

DUPLICATE

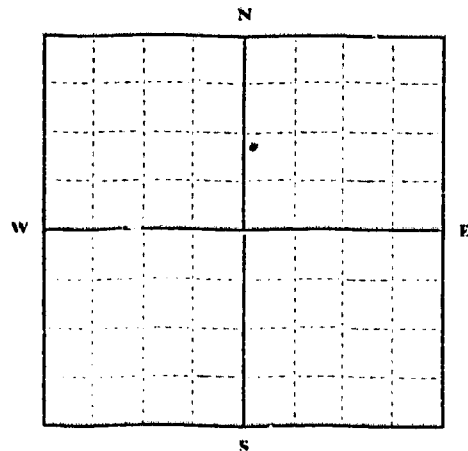
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Joseph F. Marxer**, of **244 - 18 Ave Nw Great Falls**
(Name of Appropriator) (Address) (Town)
County of **Cascade** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 26 T. 19 R. 2E

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, Watering of livestock, Irrigation of lawn & garden.**
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been **July 1, 1958 Constant use.**
- 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 **1/2 acre of lawn & garden in NE 1/4 of Sec. 26 T. 19. Joseph Marxer R. 2E**
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **Electric deep well jet pump. NE 1/4 of Sec. 26 T. 19 R. 2E.**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **June 10 1958, July 1, 1958**

8. The depth of water table **141 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, 6" casings, 156' deep**

10. The estimated amount of groundwater withdrawn each year **1,35,030 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 *Joseph F. Marxer*
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.

27877

3889

STATE OF MONTANA, } ss.
County of Cascade.

Do hereby certify that the within in-
strument was filed in this office on
DEC 27 1963

Date

3:04 o'clock P M.

J. L. LENNON
County Clerk and Recorder.

By *[Signature]* Deputy.

File No.

T. 19 R. 22

DUPLICATE

County.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

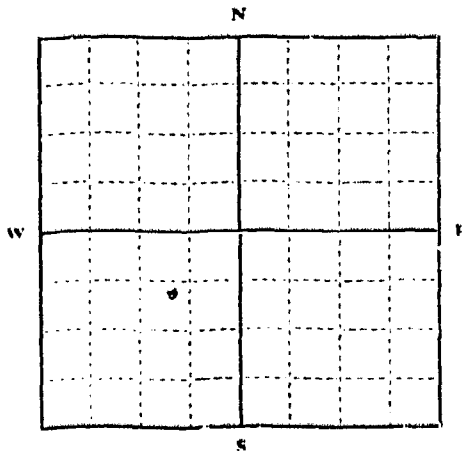
R
JAN 9 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Truly School District 48, of Milligan Route, Great Falls
(Name of Appropriator) (Address) (Town)

County of Cascade 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. 26 T. 19 N. R. 2 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 Human Consumption

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug. 1, 1954 - used 16 months a year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gals 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 Deep Well jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 13, 1954 - Aug. 1, 1954

8. The depth of water table 130

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 - 2" casing 147' Deep

10. The estimated amount of groundwater withdrawn each year 50,000 gal

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

28098

Handwritten mark

STATE OF MONTANA, } ss.
County of Cascade.
I hereby certify that the within in-
strument was filed in this office on
Nov 30 1963

Date _____
_____ o'clock _____ M.

J. L. LENNON
County Clerk and Recorder.

By _____
Deputy.

File No.

T. 17 R. R. E.

DUPLICATE

County: Cascade

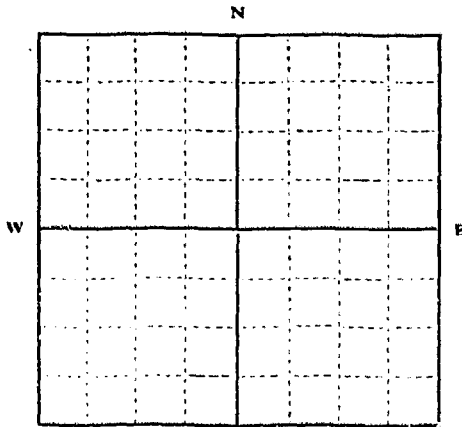
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 9 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



(NE 1/4 Sec. 30 T. 19 R. 2 E)
(SW 1/4 Sec. 30 T. 19 R. 2 E)

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

- 2. The beneficial use on which the claim is based Stock raising, house hold water, and irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been August, 1953 continuously
May, 1960 continuously
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4.2 gallons per minute
2.13 "
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
1/2 within 300 ft of pump NE 1/4 Sec. 30 T. 19 R. 2 E
1/2 within 300 ft of pump SW 1/4 Sec. 30 T. 19 R. 2 E H. M. Stanley
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric jet pump
Electric submersible pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August, 1953
May, 1960
- 8. The depth of water table 16.20 feet
5.8 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. A drilled well with 6 inch casing which is 17 feet deep
2. A drilled well with 6 inch casing which is 8 feet deep
- 10. The estimated amount of groundwater withdrawn each year 100,000 gallons
20,000 gallons
- 11. The log of formations encountered in the drilling of each well if available contact E. D. Rafferty, Great Falls, Montana Drilled by E. D. Rafferty
- 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 Wells drilled by E. D. Rafferty

Signature of Owner H. M. Stanley

Date Dec 20 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.

28058

4073

STATE OF MONTANA
County of Cascade

I hereby certify that the instrument was filed

DEC 30 1927

at 1:27

J. J. [unclear]
County Clerk

By [Signature]

File No.....

T. 19 R. 2E

DUPLICATE

County: CASCADE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

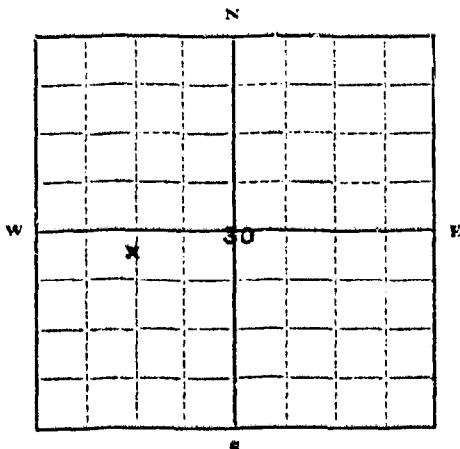
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. ARNOLD VENETZ of ULM
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec 30 T. 19 R. 2E

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

2. The beneficial use on which the claim is based HOUSE HOLD LIVESTOCK AND GARDEN AND WEED SPRAYING, STEADY

3. Date or approximate date of earliest beneficial use; and how continuous the use has been APRIL 1, 1949 STEADY

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 13 GALONS PER MINUTE CAPACITY

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 ARNOLD VENETZ

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PISTON PUMP AND ELECTRIC MOTOR

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater MARCH 1, 1949 MARCH 7, 1949

8. The depth of water table 20 FT.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
UNDER GROUND STORAGE TANK AND GRAVITY FLOW TO FEEDER LINES

10. The estimated amount of groundwater withdrawn each year 40,000 GALONS OR MORE

11. The log of formations encountered in the drilling of each well if available DRILLED BY FRANKLIN DRILLING COMPANY

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 Arnold Venetz

Date MARCH 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.

66

3279

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

MAR 26 1963

Date

at 11:00 o'clock 9 M.

J. L. LENNON

County Clerk and Recorder.

By B. Jones
Deputy.

File No.

T. 1 R. 28

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

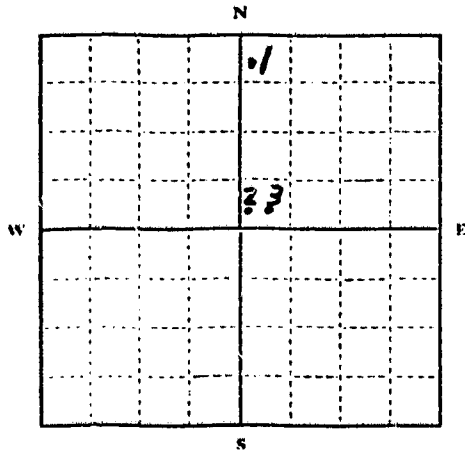
RECORDED
JAN 8 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Hugh F. Hastings of Millegan Bte. Gr. Falls
(Name of Appropriator) (Address) (Town)

County of Cascade 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.

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

House & stock water

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

1. steady - 1963
2. steady 1930 3. steady - 1953

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

10 gal. / 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.....

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

35 T. 19N. R. 2E 2+3 S.W. of SW 1/4 Sec. 35
T. 19N. R. 2E

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

12-3-63 Completed 12-5-63

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.....

Drilled hole 6" casing 6"

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

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

Sandy 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.....

Signature of Owner Hugh F. Hastings

Date 12-20-63

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

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

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

4139

STATE OF MONTANA, } ss.
County of Cascade. }

I hereby certify that the within instrument was filed in this office on

DEC 30 1963

at 7:36 o'clock P

J. L. LENNON
County Clerk and Recorder

By [Signature]

County Cascade Twp. 19 N Rge. 3 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Bell, Michael R. & Corinne G.	GW 2	5093	
1	Bond, A.B. & C.R.	3	4184	
1	Chamberlin, Rod	2	5204	
1	Gendreau, Jessie	2	5161	
3	The Mant. Power Co.	4	3086	
4	Lilienthal, Donald M. & Catherine E.	4	3232	
4	Manning, Robert F.	2	5584	
4	Thompson, Terri & Sherry	2	5570	
4	Winters, Fred	2	5221	
5	Cannell, Clara	2	5165	
5	Cannell, Clara & Henry E.	3	5167	
5	Tacke, Richard B. and Catherine L.	4	3619	
9	The Mant. Power Co.	3	5590	
11	" " " "	4	3089	
12	Bond, Alan B. & Charlotte R.	4	4183	
12	Byrne, Patricia & Lyle M.	2	5587	
12	Magnuson, Michael J. and Cheri R.	2	5453	
12	Nixon, John W. & Evelyn M.	2	5345	
12	" " " "	2	—	
12	Peterson, Roland G. & Jean H.	2	5423	
12	" " " "	2	5358	
13	Palagi, Kenneth C. and Edna Mae	2	5441	
13	" " " "	2	5365	
13	" " " "	2	5366	
13	Rada, Tom & Arrie	3	3731	
13	" " " "	3	3729	
18	Stanfield, Forrest and Lauretta J.	2	5444	
14	Stanich, Ray C.	4	4035	
14	The Mant. Power Co.	4	3090	
22	Finkley, Wm. B. & Lela B.	4	3111	
22	Mant. Power Co.	2	5479	
22	" " " "	4	5478	
23	Dundas Office Supply, Inc.	3	5580	
24	Enott's Store	4	3842	
24	" " " "	4	3843	
24	" " " "	4	3844	
28	Hastings, Hugh	3	4138	
33	Woods, Herman B.	4	4301	
33	" " " "	4	—	

File No.

T. 19N R. 3 East

DUPLICATE

County Cascade

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner Michael R. and/or
Charwayne G. Bell Address Rt. 1 S. Ft. Falls

Driller Pat Byrne Address Ft. Falls, Mont.

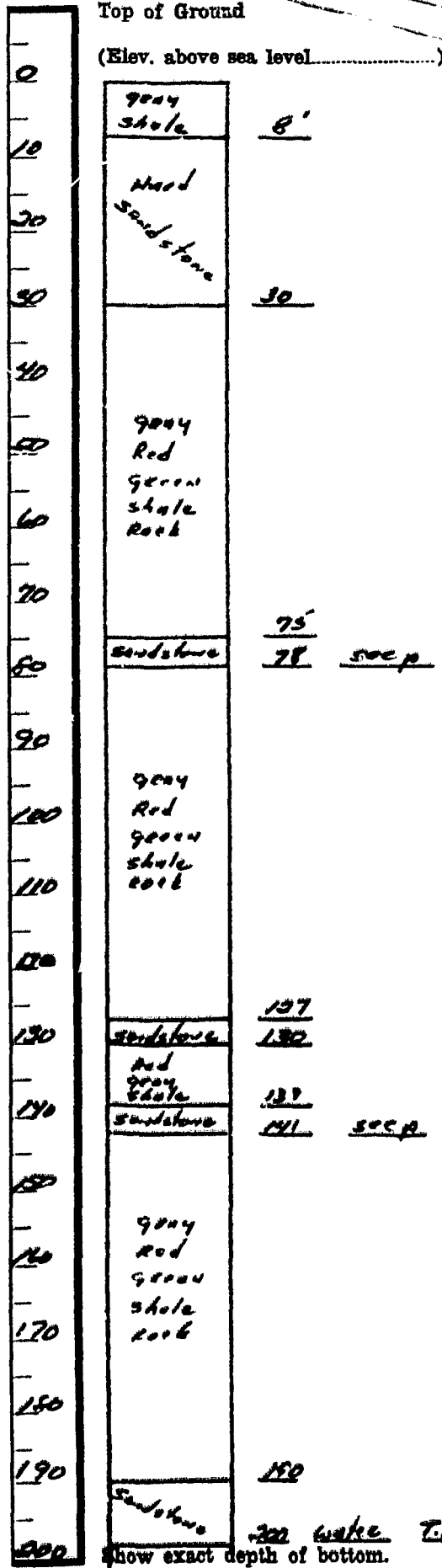
Date of Notice of appropriation of groundwater.....

Date well started Oct. 9, 1967 Date completed Oct. 19, 1967

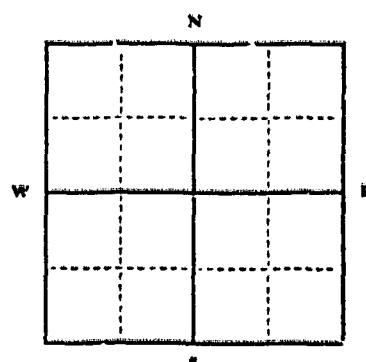
Type of well Drilled Equipment used Churn drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	7"-17#	0	24	Not perforated		
6-5/8"	Not cased					



Static Water Level for non-flowing well 165 feet.

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

Pumping Water Level..... 195 feet
at..... 15 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... Bailer

Length of Test..... 1 hour

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

Lot 1
.....1/4.....Sec. 1..... T19N R. 3E.
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).

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.

..... 135
Driller's License Number

Pat Byrne
Driller's Signature.

44,088

5093

STATE OF MONTANA, }
County of Cascade. }

I hereby certify that the within instrument was filed in this office on

MAY 2 1968

Date

at 2:00 o'clock P M

J. L. LENNON

County Clerk and Recorder

By [Signature]
Deputy.

File No.

T. 19 R. 3 E

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1920

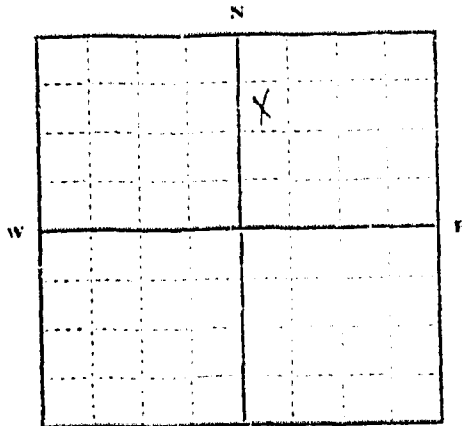
Owner A. B. & C. R. Bond Address Great Falls, Montana

Contractor (if any) None

Address of Contractor

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

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



Lot 1
1/4 Sec. 1, T. 19 R. 3 E

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

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

Used June, July & August for stock watering purposes
use approximately 1500 gallons

Signature of Owner Charlotte R. Bond

Date December 30, 1963

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

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

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

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

28172

4184

File No.

T. R.

DUPLICATE

County Cascade

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

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

Owner Red Chamberlain Address Milligan Ete. Great Falls, Mont.

Driller Thomas B. Franklin Address Great Falls, Mont.

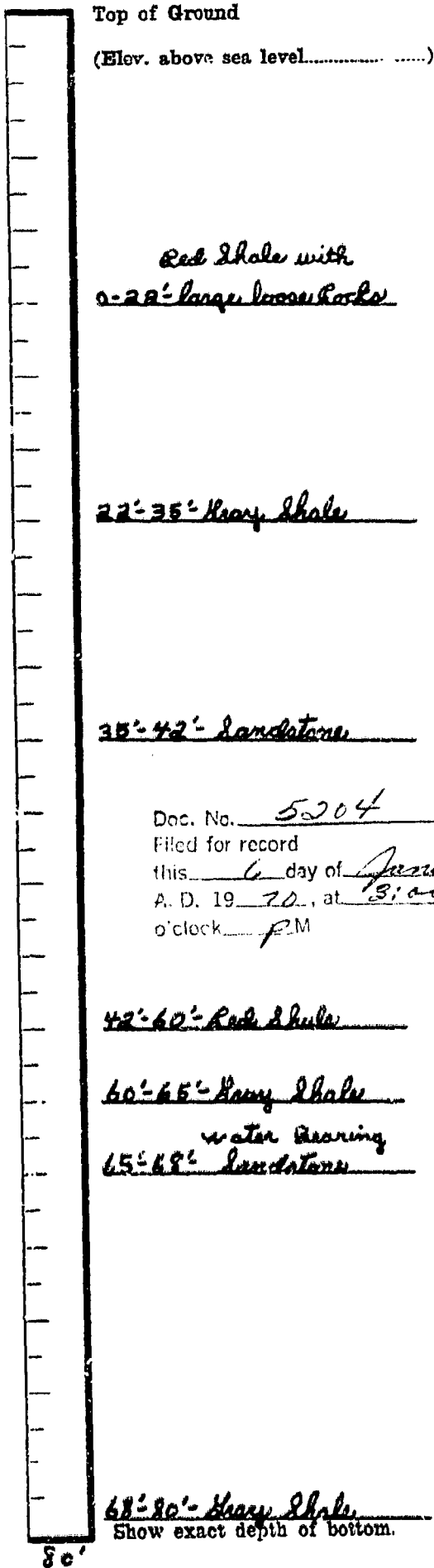
Date of Notice of appropriation of groundwater July 5, 1967

Date well started Aug. 9, 1967 Date completed Aug. 12, 1967

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

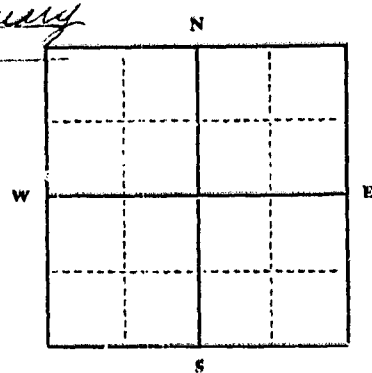
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	8" S. G. 16 lbs. per ft.	Surface	22'	None	None	None

Doc. No. 5204
Filed for record
this 6 day of January
A. D. 19 70, at 3:00
o'clock P.M.



Static Water Level for non-flowing well 60 feet.

Shut-in Pressure for Flowing Well None

Pumping Water Level 80 feet
at 1.6 gal. per minute.

Discharge in gal. per min. of flowing well None

How Tested Boiler

Length of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff) None

1/4 Sec. 1 T. 19N R. 3E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Drainage of lot or lots

80'
80'
Show exact depth of bottom.

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

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

84
Driller's License Number

Thomas B. Franklin
Driller's Signature.

4/6/37

5204

RECEIVED
JAN 18 1970

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

JAN 6 1970

at 3:00 o'clock P.M.

J. E. LINNEN
County Clerk and Recorder.

By [Signature]
Deputy.

DATE

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
SOME WATER CONSERVATION BOARD

County

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

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

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

Owner: Red Chamberlain Address: Milligan Ete. Great Falls, Mont.

Driller: Thomas B. Franklin Address: Great Falls, Mont.

Date of Notice of appropriation of groundwater: July 5-1967

Date well started: Aug. 8-1967 Date completed: Aug. 14-1967

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

Water use: Domestic Municipal Steep 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.

Red shale with
0-22' large loose rocks

22'-35' Heavy shale

35'-42' Sandstone

42'-60' Red shale

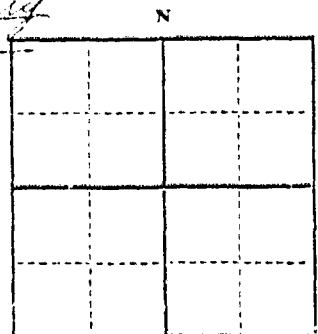
60'-65' Heavy shale
water bearing
65'-68' Sandstone

68'-80' Heavy shale
Show exact depth of bottom.

80'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	8" S. S. 16 lbs. per ft.	Surface	22'	none	none	none

Doc. No. 5204
Filed for record
this 6 day of February
A. D. 19 70, at 13:00
o'clock P.M.



1/4 Sec. 1 T. 19 N. R. 3E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

TRACT IN LOT 1, SEC 1, 19 N. E.

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

Shut-in Pressure for Flowing Well: None

Pumping Water Level: 80 feet
at 16 gal. per minute.

Discharge in gal. per min. of flowing well
.....None.....

How Tested: Bailer

Length of Test: 1 Hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff).....None.....

(Continue on reverse side)

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

Irrigation of lot or lots

84

Driller's License Number

Thomas B. Franklin
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.

File No.

T. 19N R. 3 East

DUPLICATE

County Cascade

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

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

Owner Jessie Gendreau Address Gt. Falls, Mont.

Driller Pat Byrne Address Gt. Falls, Mont.

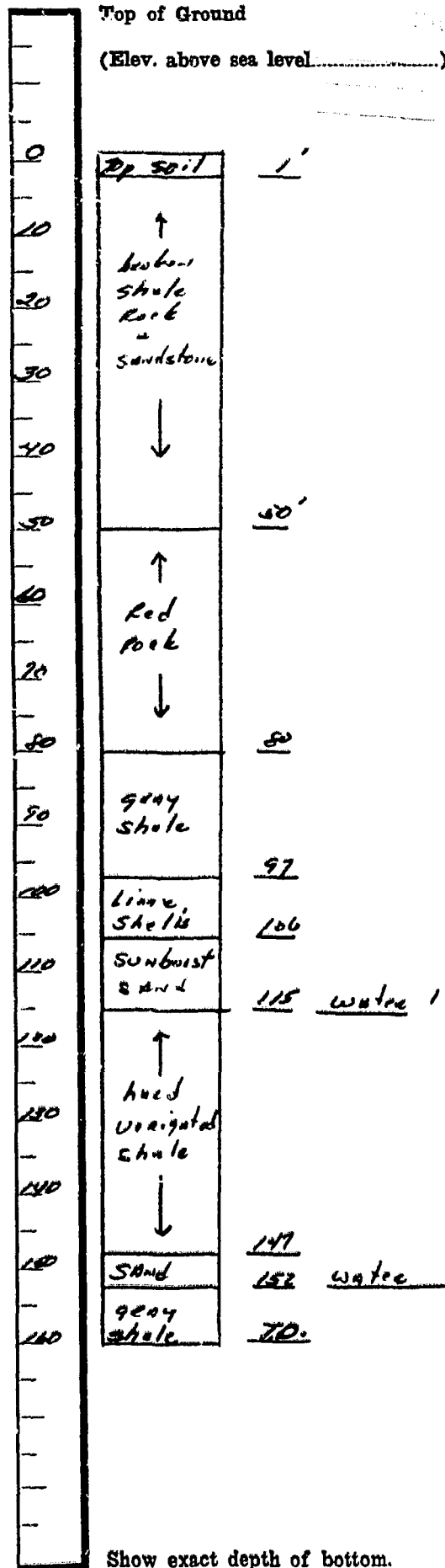
Date of Notice of appropriation of groundwater.....

Date well started 7-23-1964 Date completed 7-27-1964

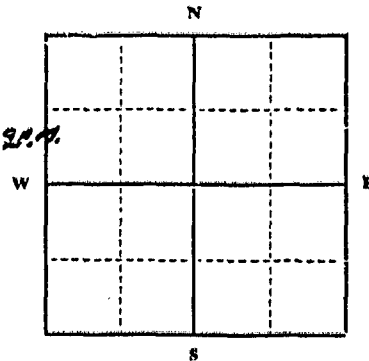
Type of well Drilled Equipment used Churn drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	7"-17#	0	36	Not perforated		



Static Water Level for non-flowing well 95 feet.

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

Pumping Water Level... 155 feet
at... 5 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested... Bailer

Length of Test... 2 hours

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

(Continue on reverse side)

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

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.

135
Driller's License Number

Pat Byrne
Driller's Signature

45,105

5161

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in
strument was filed in this office on

APR 3 1969

Date

at 12:45 o'clock P.M.

J. L. LENNON

County Clerk and Recorder.

By R. P. DeLema
Deputy.

File No.

T. **19N** R. **3E**

DUPLICATE

County, **Cascade**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

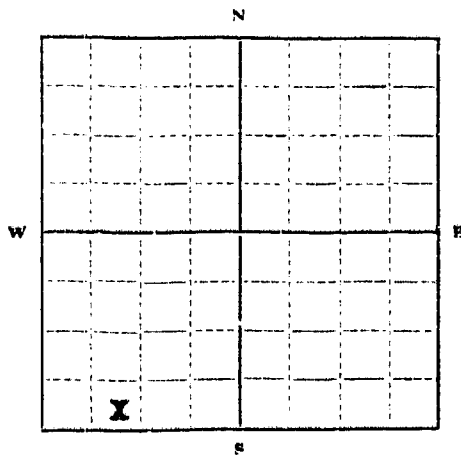


Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **The Montana Power Company** of **40 East Broadway** **Butte**
(Name of Appropriator) (Address) (Town)
County of **Cascade** 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. 3 T. 19N R. 3E

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 consumption and livestock water**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... **1900**

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... **200 gallons per day**

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... **Well**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... **1900**

8. The depth of water table... **10 to 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... **10 to 15 feet**

10. The estimated amount of groundwater withdrawn each year... **20,000 gallons**

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... **Well located on bottom land approx. 1500 feet from river bank**

(CORPORATE SEAL)

ATTEST: *L. J. ...*
Its Secretary

THE MONTANA POWER COMPANY

Signature of Owner By *[Signature]*
Vice President
Date **February 1, 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.

183

APR 12 1962

By *S. Sel*

County Clerk

By *B. Sec*

3086

File No.

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

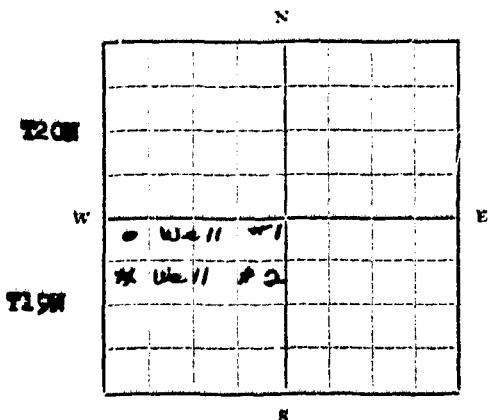
RECEIVED
STATE ENGINEER

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

1. **Donald M. and Catherine E. Lilienthal** of **Route 1 SW** **Great Falls**
(Name of Appropriator) (Address) (Town)

County of **Cascade** State of **Montana**

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



SW 1/4 NW 1/4 Sec. 4 T19N R3E

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

2. The beneficial use on which the claim is based **Domestic, livestock and irrigation**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been **Well #1 - 1928 used until 1948, then reopened in 1961**
Well #2 - 1933 Continuous since operational in '33

4. The amount of groundwater claimed (in miner's inches or gallons per minute) **40 Gal/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 **.5 acres shelterbelt, lawn and garden**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **2 wells with deep well pumps located in the SW corner of the SW 1/4, NW 1/4, Sec. 4, T19N, R3E NPM**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **Well #1 - 1928**
Well #2 - 1933

8. The depth of water table **Approximately thirty (30) feet**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **Well #1 - approximately 300' deep with 2 HP piston pump 120' deep. Well #2 - 400' deep with 3HP turbine pump 200' deep**

10. The estimated amount of groundwater withdrawn each year **200,000 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 **Donald M. Lilienthal**
Catherine E. Lilienthal
Date **December 28, 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.

1007

STATE OF MONTANA, }
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 28 1962

at 1:37 P

By *JJ Johnson*
Deputy

12824

5584

STATE OF MONTANA
County of Cascade.

I hereby certify that the within instrument was filed in this office on

JUN 29 1973

at 3:50 o'clock P. M.

J. L. L. NGN

County Clerk and Recorder

J. L. L. NGN
Recorder

12. 1. 31
P.

Handwritten notes and signatures, including the name NGN.

