

GW 3

File No. ....

DUPLICATE

T. 23 R. 10

County Chautauque

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 7 1964

STATE ENGINEER

**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1924

Owner LEONARD D. STEINBACHER

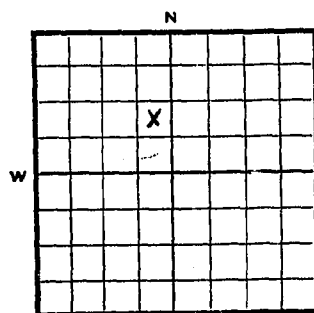
Address MONTAGUE, MONTANA

Contractor (if any) SAME

Address of Contractor SAME

Date Started 1924 Date Completed 1924

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



NE 1/4 SE 1/4 NW 35 Sec. 35 T. 23N R. 10E

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

DEVELOPED SPRING TO INCREASE FLOW 100%.

Signature of Owner Leonard D. Steinbacher

Date 12-31-63

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.

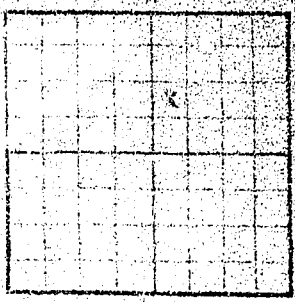
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

26440

State of Appropriation in County  
County  
Address of Contractor  
Contractor (if any)  
Date started

Location of water developed and used with explanation of method used to measure or estimate such amount. If use of intermittent flow, estimate approximate length of periods of use.



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

Indicate point of appropriation and place of use. If use is seasonal, indicate season.

Signature of Owner  
Date

This form is to be completed by the owner of the water right. It should be filled out for each water right owned by the owner in the county in which the water is used.

These forms should be filed with the County Clerk of the county in which the water is used. The County Clerk will forward them to the State Engineer. The State Engineer will forward them to the Department of Natural Resources.

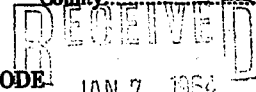
41347137  
STATE OF MONTANA  
COUNTY OF CHOUTEAU  
DEC 31 1963  
4:30  
County Clerk  
by \_\_\_\_\_ Deputy  
\$ 2.00 Paid

File No. ....

DUPLICATE

T. 23 R. 10

County Chouteau



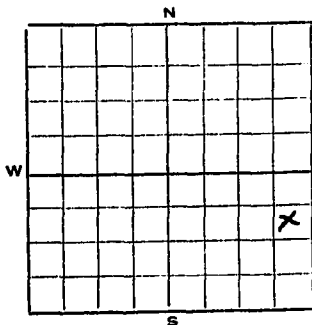
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. LEONARD D. STEINBACHER MONTAGUE, MONTANA  
(Name of Appropriator) (Address) (Town)

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



SE 4 NE 4 SEC 35 T. 23 N. R. 10 E

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

2. The beneficial use on which the claim is based HUMAN AND STOCK
3. Date or approximate date of earliest beneficial use; and how continuous the use has been CONTINUOUS SINCE 1924
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 GALLON PER HOUR
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 pump  
SE 4 NE 4 SEC 35  
T. 23 N. R. 10 E,
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1924
8. The depth of water table UNKNOWN
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 INCH PIPE - 30 FEET DEEP
10. The estimated amount of groundwater withdrawn each year UNKNOWN
11. The log of formations encountered in the drilling of each well if available UNKNOWN
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record UNKNOWN

Signature of Owner Leonard D. Steinbacher

Date 12-31-63

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

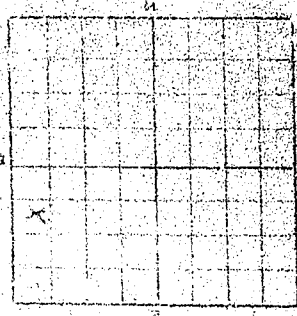
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

26441

County of \_\_\_\_\_ State of \_\_\_\_\_  
have appropriated groundwater according to the Montana Groundwater Appropriation Act of 1962 as follows:

1. The beneficial use to which the claim is based  
Water for stock
2. Date of approximate date of earliest beneficial use, and how and through the use has been  
continuous since 1925
3. The amount of groundwater claimed (in acres, inches or cubic feet)  
2.0 acres 2.00 cfs
4. It used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
2.0 acres 2.00 cfs
5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
2.00 cfs 2.00 cfs



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

6. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater  
1925
7. The depth of water table  
100 ft
8. The date and time of withdrawal of groundwater, and the depth of each well on the nearest specifications of any other works for the withdrawal of groundwater  
1925
9. The estimated amount of groundwater withdrawn with each well  
2.00 cfs
10. The top of formation encountered in the hole of each well if available  
100 ft

Each well or other work for withdrawal of groundwater shall be identified by a number or letter and the name of the owner thereof. The name of the owner shall be written on the well or other work.

Witness my hand and the seal of the State of Montana, this \_\_\_\_\_ day of \_\_\_\_\_, 1963.

DEC 31 1963  
4:30 o'clock  
County Clerk

Approved by the Board of Water Commissioners of the State of Montana, this \_\_\_\_\_ day of \_\_\_\_\_, 1963.

## GROUNDWATER INDEX

Page 1 of 1

County Chouteau Twp. 23 N Rge. 11 E

[illegible]

RECEIVED

T 3 N R 11 E

County Chouteau

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

Owner THOMAS HANSEN Address GERALDINE

Driller Address

Date Started Date Completed 1912

Location: Sec 4 T 23 R 11 E 1/4 sec SE/SE

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 6 ft. to ft. Type 8" Size 8"

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: 45 feet.

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

Pumping water level 52 feet at 8 gal. per min.

How tested: pump

Length of test: 24 hrs

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

drilled and cased into Virgille sand rock

(over)

File No. ....

DUPLICATE

T. 23 R. 11-E

County Chouteau

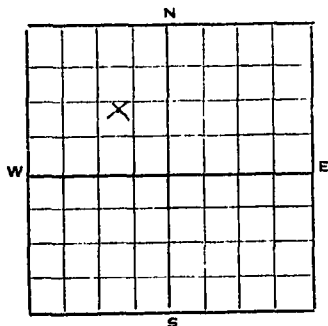
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert E. Pindexter, of Geraldine  
(Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec. 15 T. 23 R. 11-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 Livestock  
razor

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1, 1942  
It is used from June 1st to September 1st of each year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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 a cylinder pump  
with 2 in. cylinder run by windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Don't have exact date I think it was started  
and completed in June of 1942

8. The depth of water table 15 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 is a drilled well with 6 in. O.D.  
steel casing 110 ft deep 110 ft casing

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

11. The log of formations encountered in the drilling of each well if available no available information  
on the log of formations of this well  
Sanic water level is 7 ft. from surface

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

Robert E. Pindexter

Date 12-11-63

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 School of Mines and Quadruplicate for the Appropriator.

8828

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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tion of each of the other means of supplying the wants of civilization such as food, fuel, clothing and the like, to the amount of civilization which each race has attained and the degree to which each race has been civilized and the means of supplying the wants of civilization such as food, fuel, clothing and the like, to the amount of civilization which each race has attained and the degree to which each race has been civilized.

1. The first step in the process of the development of a new product is the identification of a market need. This is often done through market research, which can be conducted in a number of ways. One way is to conduct a survey of potential customers, asking them about their needs and preferences. Another way is to observe the behavior of potential customers in a natural setting. A third way is to analyze the data from existing products in the market. Once a market need has been identified, the next step is to develop a concept for a new product that meets this need. This is often done through brainstorming sessions with a team of designers and engineers. The concept is then refined through a series of iterations, taking into account feedback from potential customers and the results of market research. Once a final concept has been developed, the next step is to create a prototype of the product. This is often done using 3D printing or other rapid prototyping techniques. The prototype is then used to test the product's functionality and to gather feedback from potential customers. Finally, the product is ready for mass production and distribution.

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 By             
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346299

STATE OF MONTANA, 7.  
COUNTY OF CHOUTEAU, 1st.  
Filed DEC 11 1908 19  
at 2:00 o'clock P. M.  
George W. Harvey  
County Clerk  
By Luna M. Harris Deputy  
Fee \$ 2.00 Paid



File No. ....

DUPLICATE

T. 23 R. 11-E

County Chouteau

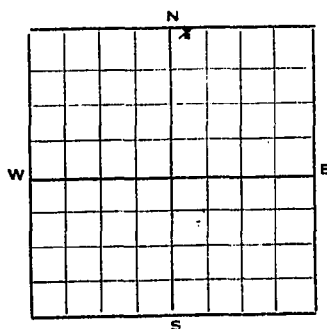
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert E. Pankster, of Grainfield  
(Name of Appropriator) (Address) (Town)

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



NW 1/4 NE 1/4 Sec. 12 T. 23 R. 11-E

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

2. The beneficial use on which the claim is based Stock water well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approx. 15. 1960  
for year around use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gpm per minute  
1-1 hour 2nd 10 to 30 minutes

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 2 in. cylinder pump with pump pack and electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Completed approx. 15. 1960

8. The depth of water table 95 ft. 15 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 3 in. x drilled well 6 in. O.D. steel casing - 127 ft. deep 127 ft. casing  
Drilled by Pierce Reel 47 ft. 12 in. casing

10. The estimated amount of groundwater withdrawn each year estimate approx 30,000 gal

11. The log of formations encountered in the drilling of each well if available Surface 85 ft. sandy yellow clay 85 to 92 ft. fine sand 92 ft. to 127 ft. sandstone  
Stationaries water level 72 ft. from surface

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 Robert E. Pankster

Date 12-11-63

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 School of Mines and Quadruplicate for the Appropriator.

8829



File No. ....

DUPLICATE

T. 23..... R. 11. E.....

County... Chouteau .....

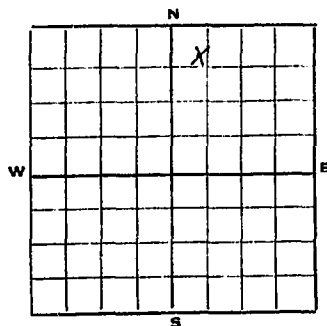
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert E. Pindexter ..... of Goulding .....  
(Name of Appropriator) (Address) (Town)

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



N.W. 1/4 NE 1/4 Sec. 17 T. 23 R. 11 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 fertilizer and domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1920 approx.  
rebuild in June 1959. now using old chest pump installed. year around use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) about 16 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 none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Chouteau  
Chouteau pump on 1 in. galvanized pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater The well was drilled in June 1959. completed July 1959.

8. The depth of water table 22 ft. from 133 ft. to 155 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater this is a drilled well with 4 in. I.D.  
steel casing perforated from 130 to 155 ft.  
Drilled by O.E. Thatcher Sr. on 10/10/59.

10. The estimated amount of groundwater withdrawn each year Est. approx. 75,000 gal. per year.

11. The log of formations encountered in the drilling of each well if available Yellow sandy clay  
to about 95 ft. fine sand from 95 to 115 ft. 115 to 125 ft. sandstone

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Robert E. Pindexter

Date 12-11-69

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

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

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



admission...  
place of...  
purpose...

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346301

STATE OF MONTANA  
COUNTY OF MONTAULT  
DEC 11 1933  
2:00 P.  
George W. Harvey  
County Clerk  
Lena M. Harris  
2:00

File No. ....

DUPLICATE

T. 23 R. 11

County. ~~Montana~~

RECEIVED  
JAN 31 1962

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

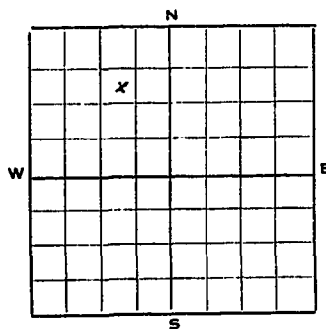
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Hicks & Sons, Inc., of Geraldine, Montana  
(Name of Appropriator) (Address) (Town)

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



NW 1/4 Sec. 18 T. 23 R. 11

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Dec. 1, 1933 well has been used for stock water during fall since that date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 1/2 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Does not apply
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump and windmill or gas engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater This well was on this place when I came here in 1933. It had been here for at least 10 years.
8. The depth of water table 80 feet to water
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well. 6 inch casing. 140 feet deep. Pump with 2 1/2 inch cylinder.
10. The estimated amount of groundwater withdrawn each year 30,000 gal.
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record I know of no other information concerning this well

Signature of Owner

Date 1-30-63

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 School of Mines and Quadruplicate for the Appropriator.

3474

11-1-1962

FILED  
JAN 30 1963  
2:30  
P.

By James M. Howard County Clerk  
No. 2.00 Paid Deputy

File No. ....

T. 23 N. R. 11 E

DUPLICATE

County... Chouteau

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

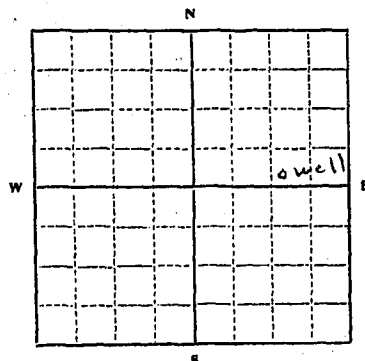
RECEIVED  
DEC 18 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Helen Grant, Leta Grant and Margaret C. Carpenter Great Falls  
(Name of Appropriator) of c/o E.W. Heule, 2900 4th Ave. North (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. 18 T. 23 N. R. 11 E

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

2. The beneficial use on which the claim is based.....  
household and stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....1923 and since
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....10 gal. 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.....  
all with electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....1923
8. The depth of water table.....80' well
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....  
Good water but limited supply
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.....

Helen Grant, Leta Grant  
and Margaret C. Carpenter  
by C. W. Heule, Attorney

Date... Nov. 20, 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.

9965

346356

STATE OF MONTANA,  
COUNTY OF CHOUTEAU, } ss  
Filed **DEC 16 1963** 19\_\_  
at 11:00 o'clock A M  
George W. Hawley  
County Clerk  
by Anna M. Harris Deputy  
Fee 2.00 Paid



GV.

File No. ....

DUPLICATE

T. 23 R. 11

County Chouteau

RECEIVED  
JAN 7 1964

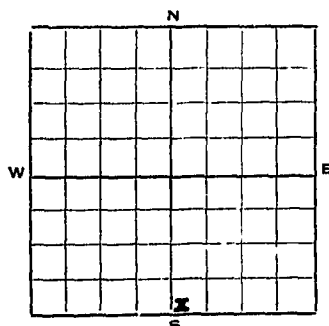
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapt. 237, Montana Session Laws, 1961)

1. Glen L. Collins of Geraldine  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 19 T. 23 R. 11

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

2. The beneficial use on which the claim is based Household and Agricultural Weed Spraying
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous use since August 1949
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 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 Deep Well Jet Pump combined with Pressure System

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well was drilled and pump installed in August 1949.
8. The depth of water table approximately 40 ft. to water
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well drilled to a depth of 70 ft. and cased with 8 in. steel casing. Pumped by 1 hp. 3 stage deep well jet type pump.
10. The estimated amount of groundwater withdrawn each year 35,500 gallons
11. The log of formations encountered in the drilling of each well if available Ground formation is heavy adobe with alternate layers of sand. Main source of water is in gravel and quicksand at a level of from 55 to 70 ft. below the ground surface. Actual log of formations is 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 No previous recorded records on this well.

Signature of Owner Glen L. Collins

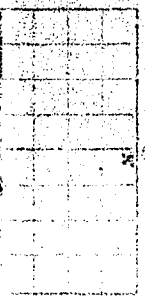
Date 27 December 1963

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

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

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

2642



adverse education 10 years  
 place of new 11 days after 1960 - 1961  
 judicial point of observation in 1961

The amount of ground water contained in the  
 water table is not known and cannot be determined  
 by the use of the data available. It is estimated  
 that the water table is at least 10 feet below the  
 surface of the ground. The water table is not  
 known to be at a constant level and it is not  
 known whether it is rising or falling. The water  
 table is not known to be at a constant level and  
 it is not known whether it is rising or falling.

1. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 2. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 3. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 4. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 5. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 6. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 7. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 8. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 9. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 10. The water table is not known to be at a constant level and it is not known whether it is rising or falling.

11. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 12. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 13. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 14. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 15. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 16. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 17. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 18. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 19. The water table is not known to be at a constant level and it is not known whether it is rising or falling.  
 20. The water table is not known to be at a constant level and it is not known whether it is rising or falling.

346769

STATE OF MONTANA  
 COUNTY OF CHOTEAU

Filed DEC 27 1963 12

By 3 C O Deputy  
George W. Harvey Clerk

Fee 2 00 Paid

File No. ....

DUPLICATE

T. 23N. R. 11E

County... Chouteau

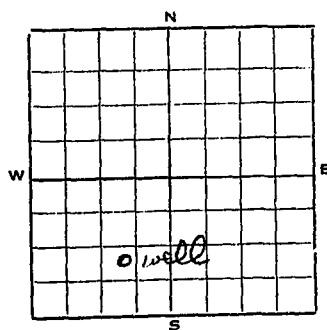
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 7 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

1. Guy Collins, of Montague  
(Name of Appropriator) (Address) (Town)

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



SE 1/4W Sec. 19 T23N R11E

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 stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1925

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  
n/a

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 1925

8. The depth of water table 15 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled and cased to 65 feet

10. The estimated amount of groundwater withdrawn each year 72,000 gallons

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

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 Guy Collins

Date 12/19/63

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

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

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

25960

County of Chouteau, State of Montana, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears from the records of the County of Chouteau, State of Montana, in and to which said original is duly filed for record.

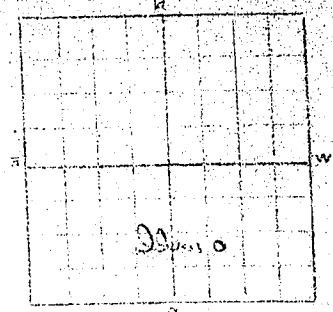
1. The amount of groundwater claimed in inches or gallons per minute: 1000

2. The purpose of withdrawal and water from the ground and the location of each well or other means of withdrawal: For irrigation

3. The nature of the land and the location of the land: For irrigation

4. The purpose of the withdrawal and the location of the land: For irrigation

5. The purpose of the withdrawal and the location of the land: For irrigation



3. The purpose of the withdrawal and the location of the land: For irrigation

4. The purpose of the withdrawal and the location of the land: For irrigation

5. The purpose of the withdrawal and the location of the land: For irrigation

6. The purpose of the withdrawal and the location of the land: For irrigation

7. The purpose of the withdrawal and the location of the land: For irrigation

8. The purpose of the withdrawal and the location of the land: For irrigation

9. The purpose of the withdrawal and the location of the land: For irrigation

10. The purpose of the withdrawal and the location of the land: For irrigation

11. The purpose of the withdrawal and the location of the land: For irrigation

12. The purpose of the withdrawal and the location of the land: For irrigation

13. The purpose of the withdrawal and the location of the land: For irrigation

14. The purpose of the withdrawal and the location of the land: For irrigation

15. The purpose of the withdrawal and the location of the land: For irrigation

#346579  
STATE OF MONTANA,  
COUNTY OF CHOUTEAU.  
Filed DEC 23 1963  
at \_\_\_\_\_ o'clock \_\_\_\_\_ M  
By George W. Harvey County Clerk  
Decur  
Fee \$ 2.00 Paid

File No. \_\_\_\_\_

DUPLICATE

T. 23N R 11E 20  
County Chouteau

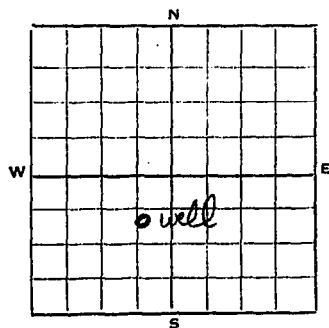
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 7 1964  
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

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



N.E. 1/4 SW Sec. 20 T.23N R.11E

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 stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since 1914
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 n/a.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal windmill and electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1914
8. The depth of water table 55 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 and cased to 70 feet
10. The estimated amount of groundwater withdrawn each year 36000 gallons
11. The log of formations encountered in the drilling of each well if available n/a.
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 Guy Collins

Date 12/19/63

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

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

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

25959



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

1. The principal use or uses of the water is hereby  
2. Date of appropriation date of contract periodical use, and how many times the use has been made  
3. The amount of ground water claimed (in million of gallons per minute)  
4. It is not for irrigation and the purpose of the taking to which water has been applied and name of the owner thereof  
5. The amount of water which will be taken from the ground and the location of each well or other means of withdrawal

6. The date of commencement and termination of the appropriation of the water and the place of withdrawal  
7. The date of commencement and termination of the appropriation of the water and the place of withdrawal  
8. The date of commencement and termination of the appropriation of the water and the place of withdrawal  
9. The date of commencement and termination of the appropriation of the water and the place of withdrawal  
10. The date of commencement and termination of the appropriation of the water and the place of withdrawal

#346578  
STATE OF MONTANA  
COUNTY OF CHOUTEAU  
Filed DEC 23 1963  
at 1:30 o'clock P  
George W. Harvey  
County Clerk  
By Deputy  
Fee \$ 2.00 Paid

File No. ....

DUPLICATE

T. 23 R. 11 E.

County of Golden

JAN 7 1964

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

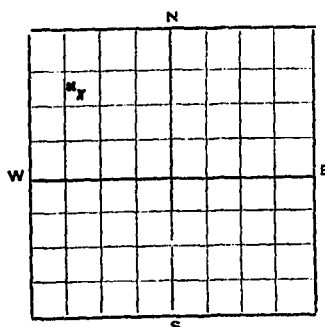
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. R. D. Farmer, of Garland  
(Name of Appropriator) (Address) (Town)

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



N 1/4 Sec. 23 T. 23 R. 11

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 and household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well #1 - about 1914, and Well #2 - Sept. 1948 - and producing satisfactorily since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) about 3 gallons per minute on each well.
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 each well has a pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well #1 - about 1914 well #2 - Sept. 1948.
8. The depth of water table well #1 - about 8 feet well #2 - about 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 - dug well 30 feet deep, and about a 4 foot diameter rock curbing. well #2 - drilled well 130 feet deep, with a 6 inch iron casing
10. The estimated amount of groundwater withdrawn each year about 100,000 gallons from both wells.
11. The log of formations encountered in the drilling of each well if available none to my knowledge on either 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. none to my knowledge.

Signature of Owner R. D. Farmer

Date 12-30-63

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

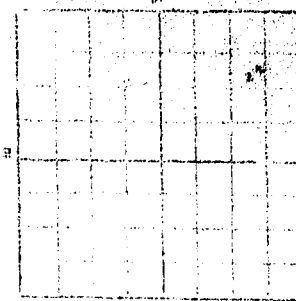
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

26542

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1902, as follows:

1. The beneficial use to which the claim is based.
2. The date of approximate date of earliest beneficial use, and how soon thereafter the use has been made.
3. The amount of groundwater claimed (in cubic feet or gallons per minute) and the location of the well or other means of withdrawal.
4. The name of the person or persons to whom the right is claimed to belong.
5. The date of completion and completion of the construction of the well or other works for withdrawal.
6. The name of the person or persons to whom the right is claimed to belong.
7. The name of the person or persons to whom the right is claimed to belong.
8. The name of the person or persons to whom the right is claimed to belong.
9. The name of the person or persons to whom the right is claimed to belong.
10. The name of the person or persons to whom the right is claimed to belong.



Section 3, T. 23 N., R. 11 E., S. 10 E.,  
Indicate point of appropriation and  
place of use if possible. Each square  
represents 10 acres.

11. The date of completion and completion of the construction of the well or other works for withdrawal.
12. The name of the person or persons to whom the right is claimed to belong.
13. The name of the person or persons to whom the right is claimed to belong.
14. The name of the person or persons to whom the right is claimed to belong.
15. The name of the person or persons to whom the right is claimed to belong.
16. The name of the person or persons to whom the right is claimed to belong.
17. The name of the person or persons to whom the right is claimed to belong.
18. The name of the person or persons to whom the right is claimed to belong.
19. The name of the person or persons to whom the right is claimed to belong.
20. The name of the person or persons to whom the right is claimed to belong.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the County of Chouteau, Montana, this 31st day of December, 1963.

gailabed in 1963, and the same is hereby certified to be a true and correct copy of the original as the same appears in the records of the County of Chouteau, Montana.

STATE OF MONTANA,  
COUNTY OF CHOUTEAU.

Filed Dec 31 1963  
at 4:30 o'clock P.M.  
George W. Harvey  
County Clerk

By \_\_\_\_\_ Deputy  
Fee \$ 2.00 Paid



File No. ....

DUPLICATE

T. 23 R. 11 E. 24

County. Chouteau

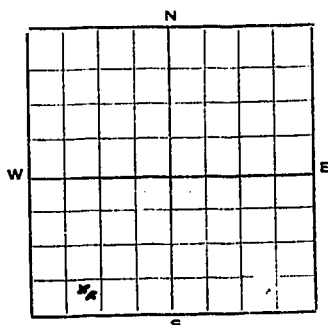
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 7 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

1. R. D. Farmer, of Geraldine, Montana  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 14 T. 23 R. 11

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 and household water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been well #1 - Sept. 25, 1954, and producing satisfactorily since.  
well #2 - Oct. 8, 1958, and producing satisfactorily since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) each well produces about 3 gallons of water 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 each well has a pump to withdraw the water
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well #1 completed September 25, 1954  
well #2 completed October 8, 1958
8. The depth of water table each well has an approximate depth of 40 feet water level.
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 - 129 feet deep, with 4 inch casing (iron)  
well #2 - 134 feet deep with 6 inch iron casing
10. The estimated amount of groundwater withdrawn each year 220,000 gallons from both wells.
11. The log of formations encountered in the drilling of each well if available Well #1 - log information should be available from William Fuller, Geraldine, Mont.  
Well #2 - log information should be available from Roscoe Peart, Gt. Falls, Mont.
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 to my knowledge

Signature of Owner R. D. Farmer

Date December 30, 1963.

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

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

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

26506

1. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

2. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

3. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

4. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

5. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

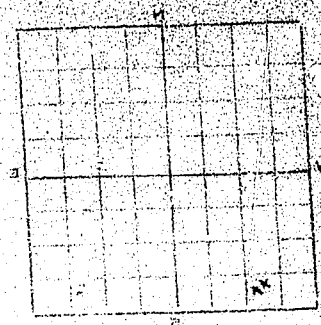
6. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

7. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

8. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

9. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

10. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.



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

11. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

12. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

13. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

14. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

15. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

16. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

17. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

18. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

19. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

20. The location of the proposed well shall be indicated on the map by a cross and labeled with the name of the well and the name of the owner.

347214

STATE OF MONTANA  
COUNTY OF CHouteau

Filed Dec. 31 1963  
at 4:30 P.M.  
Sergeant W. Harvey  
County Clerk  
By \_\_\_\_\_  
Deputy  
Fee \$ 2.00 Paid

File No. ....

DUPLICATE

T. 23 R. 11

County Chouteau

RECEIVED

JAN 7 1964

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

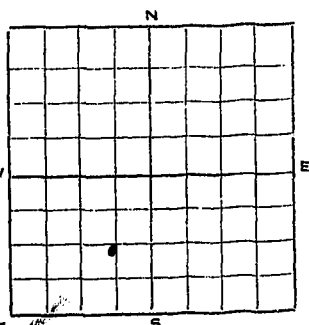
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Harold K. Garner, of Burlingame Mont., Burlingame  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec 25 T23 R11

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 .....

not used at present

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal last used with lift pump and gas motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1915

8. The depth of water table 50 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 8 in casing 115 ft deep

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

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

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 Harold K. Garner

Date Dec. 31 - 1963

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

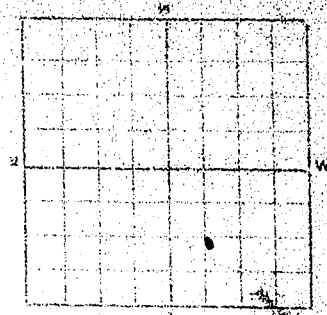
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

26429

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1903, as follows:

2. The beneficial use on which the claim is based  
*Therapy to her son*
3. Date of approximate date of earliest beneficial use; and how continuous the use has been  
*1912*
4. The amount of groundwater claimed (in inches or feet per minute)  
*2 gals per min.*
5. If need 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  
*with lift pump and for water*



Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.  
*2 W Sec 22 T32 R11*

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  
*20 ft.*
9. So far as it may be available, the type, size and depth of each well as the general specification of any other works for the withdrawal of groundwater  
*8 in casing - 1 1/2 ft deep*
10. The estimated amount of groundwater withdrawn each year
11. The fee for formation recorded in the office of each well, if available  
*State*

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

*James R. Brown*  
*Dec. 31 - 1963*

STATE OF MONTANA  
COUNTY OF CHOUTEAU  
Filed *DEC 31 1963*  
at *4:30 o'clock*  
by *George W. Harty*  
County Clerk  
Fee *2.00* Paid

File No. ....

DUPLICATE

T. 23 R. 11

County Chouteau

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

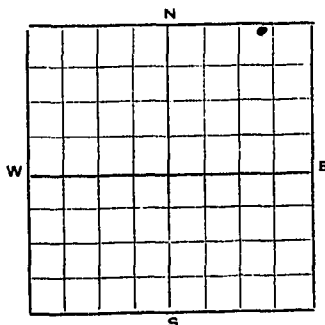
RECEIVED  
JAN. 7 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Harold R. Farmer, of Burlingame Mont., Burlingame  
(Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec. 25 T. 23 R. 11

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 watering & irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915 steady use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal lift pump by means of electric motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1915
8. The depth of water table 50 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 8 in casing, 110 ft deep
10. The estimated amount of groundwater withdrawn each year 400,000
11. The log of formations encountered in the drilling of each well if available shale

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. Harold R. Farmer

Date Dec. 31-1963

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

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

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

26428

County of Chouteau State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1902, as follows:

1. The beneficial use on which the claim is based  
water for irrigation  
2. Date of approximate date of earliest beneficial use; and how continuous the use has been  
1912

3. The amount of groundwater claimed (in miners' inches or gallons per minute)  
2500

4. 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. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Hand-dug well

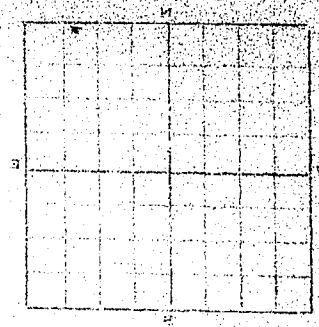
6. The date of commencement and completion of the construction of the well, works or other works for withdrawal of groundwater

7. The depth of water table  
8. So far as it may be available, the location and depth of each well or the means of withdrawal of any other works for the withdrawal of groundwater

9. The estimated amount of groundwater available for use in the future  
10. The location of the water table in the vicinity of each well or other means of withdrawal

11. Such other information as a holder of a claim is required to furnish by or under the provisions of the Montana laws in effect prior to January 1, 1902, and as may be required by the court in the proceedings hereunder

James H. Marshall  
I, James H. Marshall, do hereby certify that the foregoing is a true and correct copy of the record of the proceedings hereunder as the same appear in the files of the County Clerk of Chouteau County, Montana.  
at Big Lake Montana  
this 30th day of December 1963  
by James H. Marshall  
Notary Public  
No. 200



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

# 347125  
STATE OF MONTANA  
COUNTY OF CHOUTEAU  
Filed DEC 31 1963  
at 4:30  
by James H. Marshall  
Notary Public  
No. 200

Gt. 4

File No. ....

DUPLICATE

T. 23 R. 11

County Chouteau

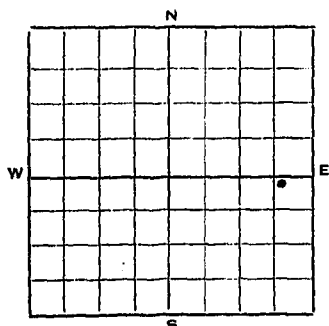
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 7 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

1. Harold R. Garner of Geraldine, Mont. Geraldine  
(Name of Appropriator) (Address) (Town)

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



N.E. 1/4 Sec 26. T.23 R.11.

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  
home use irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal lift pump  
with windmill and electric motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1915
8. The depth of water table 50 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 8 in casing, 110 ft deep
10. The estimated amount of groundwater withdrawn each year 500,000
11. The log of formations encountered in the drilling of each well if available shale
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 Harold R. Garner

Date Dec. 31, 1963

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

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

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

26427

1. The point of appropriation is located on the ground at the intersection of the line of the claim and the line of the road.

2. The point of appropriation is located on the ground at the intersection of the line of the claim and the line of the road.

3. The point of appropriation is located on the ground at the intersection of the line of the claim and the line of the road.

4. The point of appropriation is located on the ground at the intersection of the line of the claim and the line of the road.

5. The point of appropriation is located on the ground at the intersection of the line of the claim and the line of the road.



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

6. The point of appropriation is located on the ground at the intersection of the line of the claim and the line of the road.

7. The point of appropriation is located on the ground at the intersection of the line of the claim and the line of the road.

8. The point of appropriation is located on the ground at the intersection of the line of the claim and the line of the road.

9. The point of appropriation is located on the ground at the intersection of the line of the claim and the line of the road.

10. The point of appropriation is located on the ground at the intersection of the line of the claim and the line of the road.

11. The point of appropriation is located on the ground at the intersection of the line of the claim and the line of the road.

STATE OF MONTANA, IN  
COUNTY OF CHOUTEAU, ss.  
Filed DEC 31 1963  
at 4:30 o'clock  
By *[Signature]*  
Notary Public  
No. 200 Paid



33

T. 23 R. 11 east

County Chouteau

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
SEP 15 1901

WATER WELL LOG

STATE ENGINEER


Owner Max F. Sicheloff Address Houston, Missouri

Driller \_\_\_\_\_ Address \_\_\_\_\_

Date Started June 1918 Date Completed July 1918

Location: Sec. 33 T. 23 R. 11 east 8E 1/4 sec. South not west

Type of well \_\_\_\_\_ Equipment used Pick and shovel  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

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

Casing: Wood ft. to \_\_\_\_\_ ft. Type 16' x 3 1/2" dug 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 \_\_\_\_\_ gal. per min.

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(over)

### Log of Well

Depth, feet		Description of Material Drilled
From	To	
16 ft.	3 1/2 x 3 1/2 ft.	White cedar boards for curbing 16 ft. long Soil white or yellow clay mixed with sand at bottom, water started to come in the hole, until the clay and sand got to sticking to dig any farther down, I used a crowbar, trying to find out as to what formation was deeper down, and I hit some soft formation I pushed the five foot crowbar down by hand and almost lost it. I figured it was quick sand down deeper, I pumped four feet of water but, twice a day, enough for house use, and eight head of stock There is a dry creek running through the south east forty that has a three ft. crust on top, of a sand bottom. I augered through this crust down to the sand at numerous places with intention of trapping water and storing it for the future this I done forty years ago.

File No. STATE WATER CONSERVATION BOARD  
DUPLICATE **R E C E I V E D**  
SEP 23 1965

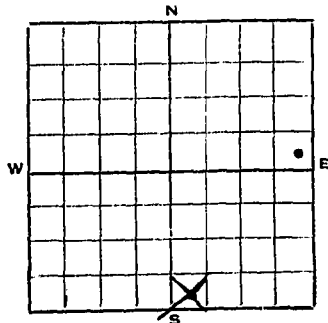
T. 23 R. 11  
County Chouteau

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

### DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

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



SE 1/4 NE Sec. 34 T23 R11

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

2. The beneficial use on which the claim is based stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1944 continuous over time
4. The amount of groundwater claimed (in miner's inches or gallons per minute) About 1.5 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1944
8. The depth of water table 40'
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 80' deep with 40' head. Cased with 6" I.D. steel casing.
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 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 Eric W. Anderson  
Date Sept. 22, 1965

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

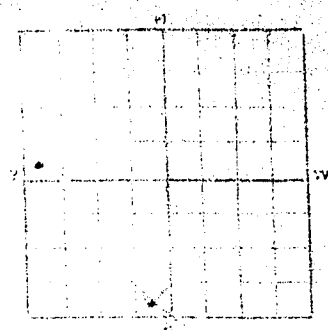
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

39614

have appropriated according to the Montana laws in effect prior to January 1, 1903, as follows:

1. The principal use in which the claim is based  
Stock raising
2. Date of appropriation date of earliest beneficial use; and how soon  
thereafter the use has been made  
1884
3. The amount of ground claimed (in acres) and the location  
200
4. A brief description of the nature and description of the lands  
to which water has been applied and name of the owner thereof  
See above
5. The name of the person or persons who have been and the location of each well or other means of distribution  
See above



Indicate point of appropriation and  
place of use in opposite top and  
bottom corners 10 acres

6. The date of completion and location of the construction of the works for the  
benefit of the appropriation  
See above

7. The date of the first beneficial use of the water  
See above

8. The date of the first beneficial use of the water  
See above

9. The date of the first beneficial use of the water  
See above

10. The date of the first beneficial use of the water  
See above

11. The date of the first beneficial use of the water  
See above

12. The date of the first beneficial use of the water  
See above

13. The date of the first beneficial use of the water  
See above

14. The date of the first beneficial use of the water  
See above

15. The date of the first beneficial use of the water  
See above

STATE OF MONTANA,  
COUNTY OF CHOUTEAU,  
Filed September 22 1905  
at 11:45 o'clock P  
George W. Harvey  
County Clerk  
By Charles M. Jones Deputy  
Paid

File No. STATE WATER CONSERVATION BOARD  
RECEIVED  
DUPLICATE R SEP 23 1965 D

T. 23 R. 11  
County Chouteau

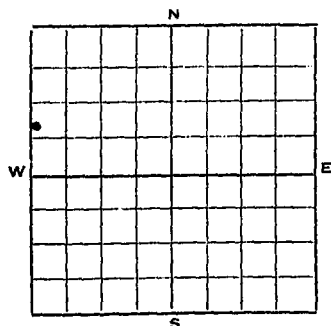
REFERRED TO STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**DECLARATION OF VESTED GROUNDWATER RIGHTS**

(Under Chapter 237, Montana Session Laws, 1961)

1. Eric W. Anderson, of Harrelline  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 NW Sec. 36 T. 23 R. 11

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 water and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1927 and continuous use ever since

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1927

8. The depth of water table 60'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well 120' deep cased with 6" O.D. steel casing

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 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 Eric W. Anderson

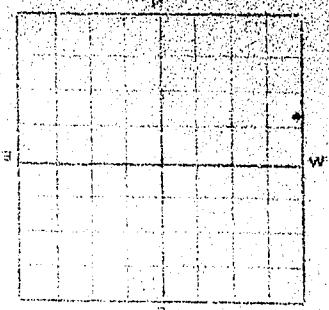
Date Sept. 22, 1965

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 School of Mines and Quadruplicate for the Appropriator.

(Name of Applicant) John W. Harvey  
 (Address) Butte, Montana  
 (Town) Butte  
 County of Chouteau  
 State of Montana  
 have appointed according to the provisions of the Montana laws in effect prior to January 1, 1905, as follows:  
 1. The beneficial use on which the claim is based  
Water for irrigation and domestic use  
 2. Date of approximate date of earliest beneficial use; and how long  
Since the use has been 1887  
 3. The amount of groundwater claimed (in cubic feet or gallons per minute)  
2000  
 4. If used for irrigation, give the average and description of the lands to which water has been applied and name of the owner thereof  
None  
 5. The name of subdivision and water from the ground and the location of each well or other means of withdrawal  
None  
 6. The date of commencement and completion of the construction of the well, ditch or other works for withdrawal of groundwater  
None  
 7. The depth of water table  
None  
 8. So far as it may be available, the location and depth of any other works for the withdrawal of groundwater  
None  
 9. The land is owned by the applicant  
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2. The place of use, if possible, each square represents 10 acres.  
 Indicate point of appropriation and place of use, if possible, each square represents 10 acres.

21. The land is owned by the applicant  
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STATE OF MONTANA,  
 COUNTY OF CHOUTEAU.  
 Filed September 22 1965  
 at 1:45 o'clock P  
George W. Harvey  
 County Clerk  
Will M. Jewell  
 Deputy  
 Fee \$ 2.00 Paid

## GROUNDWATER INDEX

Page 7 of 7

County Chautauq Twp. 23<sup>n</sup> Rge. 12<sup>e</sup>

[illegible]

File No. ....

DUPLICATE

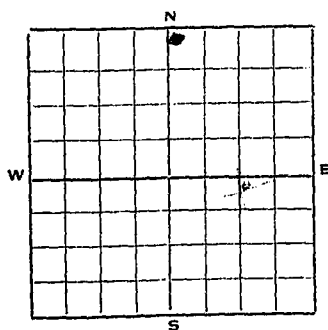
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

T. 23 N. 12 E.  
County. Chouteau  
RECEIVED  
JAN 7 1963  
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

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



NW 1/4 NE 1/4 Sec. 1 T. 23 N. R. 12 E.

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

2. The beneficial use on which the claim is based Stock Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 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 Windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1946
8. The depth of water table 15 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 Well is 240 ft deep. Water level rises to 12 ft of surface. A pump test will yield 50 gals per minute. Well is cased to 11" with 2" tubing with windmill driven plunger pump.
10. The estimated amount of groundwater withdrawn each year 0 - 200 000 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.

Signature of Owner Elmer G. Dammert

Date Dec 31 1963

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

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

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

26421



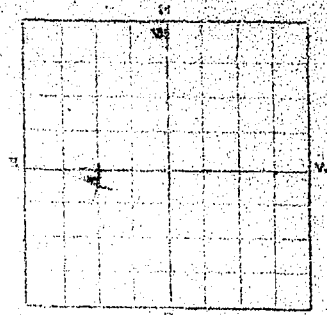
(Town)

(County)

(Name of Applicant)

County of \_\_\_\_\_ State of \_\_\_\_\_  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

1. The amount of groundwater claimed (in number of inches or gallons per minute) \_\_\_\_\_
2. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof \_\_\_\_\_
3. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal \_\_\_\_\_
4. Date of approximate date of earliest beneficial use; and how continuous the use has been \_\_\_\_\_
5. The beneficial use on which the claim is based \_\_\_\_\_



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

6. The date of commencement and completion of the construction of the well, well or other works for withdrawal of groundwater \_\_\_\_\_
7. The depth of water table \_\_\_\_\_
8. So far as it may be available, the type and depth of each well or the general specifications of any other works for the withdrawal of groundwater \_\_\_\_\_
9. The estimated amount of groundwater withdrawn each year \_\_\_\_\_
10. The total of groundwater withdrawn in the entire state and in the county \_\_\_\_\_

2. If other information of a beneficial nature may be needed in carrying out the policy of this act, including \_\_\_\_\_

STATE OF MONTANA, T. 2S  
COUNTY OF CHOUTEAU, 1E  
Filed DEC 31 1963  
at 4:30 o'clock  
By [Signature] Deputy  
Fee \$ 2.00 Paid

File No. ....

DUPLICATE

T 23 R 12  
County Chouteau

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

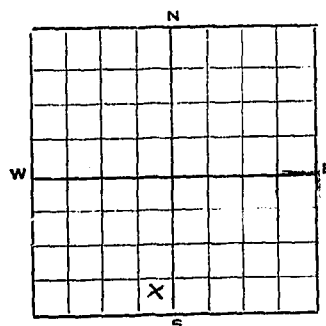
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 7 1964  
STATE ENGINEER

1. Delight Heydt + Wilma Cundero (Name of Appropriator) Geraldine (Address) (Town)

County of Chouteau 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. 2 T23 R12

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  
Cattle & Household water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1945 continuous

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Nov. 1945

8. The depth of water table  
60'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
170' depth 6" casing

10. The estimated amount of groundwater withdrawn each year  
75,000 gal

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.

Signature of Owner Wilma Cundero

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 School of Mines and Quadruplicate for the Appropriator.

25996

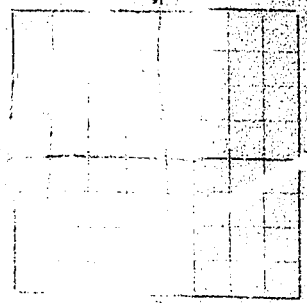
County of Chouteau, Montana, do hereby certify that the above described land has been surveyed and the boundaries thereon have been established according to the provisions of the laws of the State of Montana.

1. The boundary line on which the claim is based is shown on the map attached hereto and is described as follows: Section 36, Township 14N, Range 10E, 100 acres.

2. The date of acquisition of the land is 1887 and the date of the survey is 1963.

3. The amount of land is 100 acres (in acres or fractions thereof).

4. It is used for grazing and the name of the owner is John J. & Mary J. Johnson.



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

5. The date of commencement and completion of the construction of the work is 1887 and 1887 respectively.

6. The nature of the work is grazing and the name of the owner is John J. & Mary J. Johnson.

7. The date of commencement and completion of the construction of the work is 1887 and 1887 respectively.

8. The nature of the work is grazing and the name of the owner is John J. & Mary J. Johnson.

9. The date of commencement and completion of the construction of the work is 1887 and 1887 respectively.

10. The nature of the work is grazing and the name of the owner is John J. & Mary J. Johnson.

11. The date of commencement and completion of the construction of the work is 1887 and 1887 respectively.

12. The nature of the work is grazing and the name of the owner is John J. & Mary J. Johnson.

#346622

STATE OF MONTANA  
COUNTY OF CHOUTEAU  
Filed DEC 23 1963 10  
at 4.00 o'clock P  
George W. Harvey  
County Clerk  
By \_\_\_\_\_ Deputy  
Fee \$ 2.00 Paid

File No. \_\_\_\_\_

DUPLICATE

RECEIVED

FEB 20 1964

T. 23 N. R. 12 E. East

County Chouteau

STATE ENGINEER  
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
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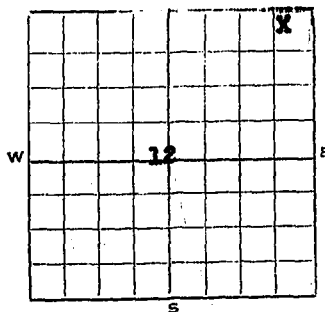
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Thomas S. Brunes of 912 4th Ave No Great Falls  
(Name of Appropriator) (Address) (Town)

County of Chouteau State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1903, as follows:



NENE 1/4 Sec. 12 T23N R. 12E

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

2. The ~~intentional~~ use on which the claim is based ~~is for~~ for livestock watering

3. Date or approximate date of earliest beneficial use ~~and how~~ continuous the use has been 1915 and use since.

4. The amount of groundwater claimed (in ~~er's~~ gallons per minute) with ordinary use we have been able to pump dry

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 windmill or motor; NENE 1/4 Sec. 12 Twp. 23 Range 12 East

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well drilled in 1915, completed same year.

8. The depth of water table drilled 145 feet; about 45 feet of water in casing.

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 5 inch casing 145 feet deep; windmill over with electric motor used when necessary.

10. The estimated amount of groundwater withdrawn each year enough to water 100 head of cattle

11. The log of formations encountered in the drilling of each well if available blue shale 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 no record ever filed in Chouteau County.

Signature of Owner

Thomas S. Brunes

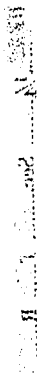
Date December 23rd 1963

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

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

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

34993



For information on the many other products and services we offer, call 1-800-368-5868 or visit our website at [www.3m.com](http://www.3m.com).

1. The first group of people who are interested in the study of the history of the United States are the people who are interested in the history of the United States. This group of people is interested in the history of the United States because they want to know more about the United States. They want to know more about the United States because they want to know more about the United States.

60-10879-10

Trial	Group A (Control)	Group B (Control)	Group C (Noise)	Group D (Noise)
1	65	65	65	65
2	75	70	70	70
3	80	75	75	75
4	85	80	80	80
5	88	85	85	85
6	90	88	88	88
7	92	90	90	90
8	94	92	92	92
9	95	93	93	93
10	95	90	90	90

1. *Introduction*  
 2. *Method*  
 3. *Results*  
 4. *Discussion*  
 5. *Conclusion*  
 6. *References*  
 7. *Appendix*  
 8. *Notes*  
 9. *Tables*  
 10. *Figures*  
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STATE OF MONTANA.  
COUNTY OF CHOUTEAU.  
FEB 19 1964

FILED FEB 19 1964

at 10:45 a.m. A. H.

George W. Davis

By Lana M. Harris

Page 1 - 2.00 - 1 - 100

File No. ....

DUPLICATE

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FEB 20 1964

T 23 N. R 12 East

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DEC 30 1963

STATE ENGINEER  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

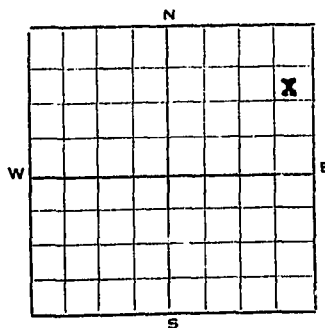
STATE ENGINEER

**DECLARATION OF VESTED GROUNDWATER RIGHTS**

(Under Chapter 237, Montana Session Laws, 1961)

1. Thomas B. Bronec 472 4th Ave. No. 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:



SENE 1/4 Sec 12 T3N R12 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 dug well  
for domestic purposes.
3. Date or approximate date of earliest beneficial use and how continuous the use has been dug in 1923 and used con-  
tinuously since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) This well produces about 400 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 no
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pumping with  
electric motor; situate SENE 1/4 Section 12  
Twp 23 N of Range 12 East M. P. M.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater completed in 1923 same year as dug.
8. The depth of water table Sixteen 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 is 16 feet deep with metal casing  
four feet in diameter
10. The estimated amount of groundwater withdrawn each year just enough for two dwellings.
11. The log of formations encountered in the drilling of each well if available Sandy, clay mixed with  
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 no filing made of this well.

Signature of Owner Thomas B. Bronec

Date December 23rd 1963

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

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

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

34992



RECEIVED FEB 19 1964

TO THE CLERK OF DISTRICT COURT  
COUNTY OF CHOUTEAU, MONTANA

STATE OF MONTANA  
COUNTY OF CHOUTEAU  
FEB 19 1964

TO

THE CLERK OF DISTRICT COURT  
COUNTY OF CHOUTEAU, MONTANA

THE CLERK OF DISTRICT COURT  
COUNTY OF CHOUTEAU, MONTANA

THE CLERK OF DISTRICT COURT  
COUNTY OF CHOUTEAU, MONTANA

THE CLERK OF DISTRICT COURT  
COUNTY OF CHOUTEAU, MONTANA

STATE OF MONTANA  
COUNTY OF CHOUTEAU

FEB 19 1964

At 10:45 o'clock A.M.

George W. Harney  
County Clerk

James M. Harney  
Deputy

\$ 2.00 Paid

GW

File No. ....

DUPLICATE

STATE OF MONTANA

COMMISSIONER OF GEOMINING AND MINES

OFFICE OF STATE ENGINEER

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JAN 7 1964

STATE ENGINEER

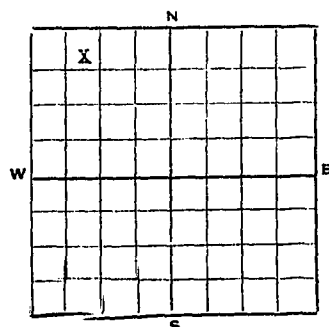
## DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. G. V. and Ruth Lundmark, of 2725 Fourth Ave. No. Great Falls, Montana  
(Name of Appropriator) (Address) (Town)

County of Choteau State of Montana

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

N. 1/4 Sec. 14 T. 23 R. 12

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  
livestock and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1959 very d.y.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gal. per minute

5. If used for irrigation, give the location and description of the lands to which water has been applied one of the owner's thereof  
Grass and  
G. V. and Ruth Lundmark

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Electric pump (1959) 14-23-12

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1959

8. The depth of water table The water table is within sixty (60) feet of top

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 225 feet deep twelve inch drilled hole  
Four gravel around outside of casing. 12 inch casing.

10. The estimated amount of groundwater withdrawn each year 365,000 gal. per year

11. The log of formations encountered in the drilling of each well if available  
This log of formations is available at G. V. and Ruth Lundmark Residence, 2725 Fourth Ave. North, Falls, Montana.

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 There is no county record of knowledge.

Signature of Owner G. V. and Ruth Lundmark  
By: Tenant Robert Lundmark  
Date Dec. 30, 1963

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

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

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

26277



(Town)

(Address)

(Name of Appropriator)

(Address)

County of

have appropriated groundwater according to the Montana law in effect prior to January 1, 1903 as follows:

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

3. Date of approximate date of earliest beneficial use, and how common the use has been since that date:

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

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

6. The means of withdrawing and 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, water or other works for withdrawal of groundwater:

8. The depth of water table:

9. So far as it may be available, the position and depth of each well or the ground specifications of any other works for the withdrawal of groundwater:

10. The estimated amount of groundwater withdrawn each year:

11. The log of formation encountered in the drilling and the depth of each formation:

12. Such other information of a technical nature as may be desired in carrying out the policy of this act, including:

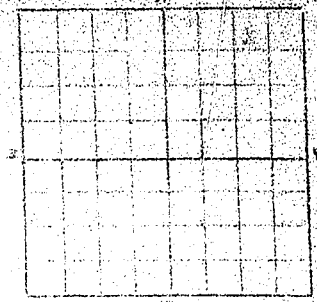
STATE OF MONTANA, T  
COUNTY OF CHOUTEAU, ss.

Filed DEC 31 1963

at 8:00 o'clock a.m.  
George W. Harvey  
County Clerk

By \_\_\_\_\_ Deputy

an \$ 2.00 Paid



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

File No. ....

T. 23. R. 12

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

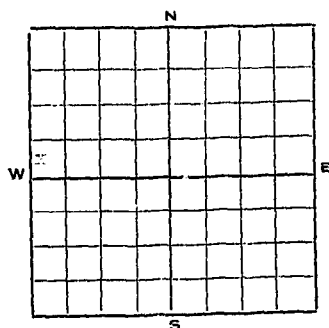
County Chouteau  
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JAN 7 1964  
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Warren Woodburn, of Geraldine  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 NE 1/4 Sec. 12 T23. R12

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 1943 and used continuously
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  
not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill and deep well pump and cylinder

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Summer of 1943

8. The depth of water table 33 feet 6.0 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well with 6 inch casing and 115 feet deep

10. The estimated amount of groundwater withdrawn each year 55,000 gallons

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

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

Signature of Owner

Date 12-30-1962

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

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

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

26314



File No. ....

DUPLICATE

T. 23 R. 12  
County Chouteau

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

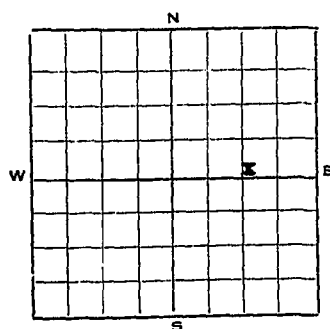
RECEIVED  
JAN 7 1964  
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Bernard Schlemer, of Geraldine  
(Name of Appropriator) (Address) (Town)

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



~~E 1/4~~ Sec. 20, T23N R12E MM

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

2. The beneficial use on which the claim is based Stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1954, June, Continuous to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal windmill pumps  
SW 1/4 NE 1/4 20-23-12 E
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1958
8. The depth of water table 73 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well 5" casing 113 feet deep
10. The estimated amount of groundwater withdrawn each year 432,000 gals
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 Bernard Schlemer

Date December 19, 1963

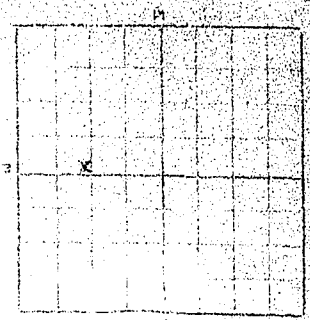
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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

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

25957

1. The amount of groundwater obtained (in miner's inches or gallons per minute) \_\_\_\_\_
2. If used for irrigation give the acreage and description of the lands to which water has been applied and name of the owner thereof \_\_\_\_\_
3. The point of use on which the claim is based \_\_\_\_\_
4. The approximate date of earliest beneficial use; and how continuous the use has been \_\_\_\_\_
5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal \_\_\_\_\_
6. The date of commencement and completion of the construction of the well, with or without works for withdrawal of groundwater \_\_\_\_\_
7. The depth of water table \_\_\_\_\_
8. So far as it may be available, the approximate depth of water in the ground, and the location of any other works for the withdrawal of groundwater \_\_\_\_\_
9. The estimated amount of groundwater withdrawn \_\_\_\_\_
10. The log or boring record of the well \_\_\_\_\_
11. Each other information of a character which may be of value in the determination of the facts in this matter \_\_\_\_\_



Indicate point of application and place of use, if possible, each small square represents 10 acres.

Filed December 23 1963  
 at 1:30 o'clock P  
 by George W. Hawley County Clerk  
Violet M. Jewell Deputy  
 Fee \$ 2.00 Paid

# 346576  
 STATE OF MONTANA  
 COUNTY OF CHOUTEAU

File No. ....

T. 23 R. 12

DUPLICATE

County Chouteau

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

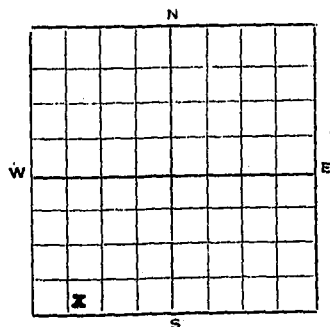
RECEIVED  
JAN 7 1964

STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

1. Bernard Schlemmer, of Geraldine  
(Name of Appropriator) (Address) (Town)

County of Chouteau 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 28 T23NR12E MM

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1955, Continuous to date

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well in SW 1/4 NW 1/4 28-23-12

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

8. The depth of water table 82 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well 12 1/2" casing 132 feet deep

10. The estimated amount of groundwater withdrawn each year 324,000 gal

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Bernard Schlemmer

Date December 19, 1963

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

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

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

25956



File No. ....

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

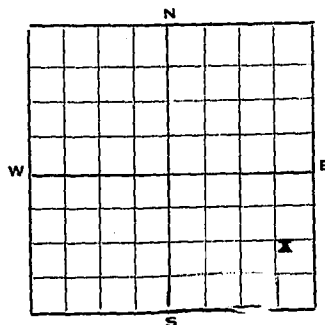
T. 23 R. 13  
County Chouteau

RECEIVED  
JAN 7 1964

STATE ENGINEER

1. Bernard Schlemer, of Coraline  
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec. 29 T. 23 R. 13 E. MM

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

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

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been July 1935 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 3 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  
Farm Garden irrigation Bernard Schlemer,  
Frank Schlemer and Alfred Schlemer owners

6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal Electric  
Pump NE 1/4 Sec. 29 T. 23 R. 13 E

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater July 1935

8. The depth of water table 55 feet

9. So far as it may be available, the type, size and depth of each well or the size, type, and location of any other  
works for the withdrawal of groundwater dug well 4" casing 107' deep

10. The estimated amount of groundwater withdrawn each year 1,460,000 gals

11. The log of formations encountered in the drilling of each well if available Blue clay to bottom

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 Bernard Schlemer

Date December 18, 1963

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

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

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

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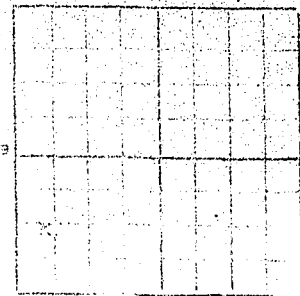
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Filed

at \_\_\_\_\_

## Abstract

**Abstract**

84

**Fig. 1**

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GW 2

File No.

DUPLICATE

Will you please change the Groundwater Appropriation of Harold J. Courtage filed about a month ago from N4SW4 to N4SE4

T 23 N R 12 E

County Choteau

OF MONTANA  
OF GROUNDWATER  
STATE ENGINEER

RECEIVED  
NOV 11 1962

pletion of Groundwater  
a by Means of STATE ENGINEER

7. Montana Session Laws, 1961)

Address ~~Choteau~~Address ~~Choteau~~

on of Groundwater

1962 Date Completed Sept 20, 62

Equipment Used Rotary  
(Churn, drill, rotary or other)

1510-1510 Dark grey shale  
1510-1446 blue shale sandy layers Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒  
1446-1662 blue shale layers sandstone ☐ Drainage ☐ Other ☐  
& bentonite

1662-1857 blue shale  
Sandy layers  
1857-1887 Sandstone  
1887-1910 Red shale  
1910-1970 blue shale some red shale  
1970-1995 Sandstone  
1995-2007 Red shale  
2007-2090 Grey sandstone  
2090-2110 blue shale 6 3/4  
2110-2128 Sandstone  
2128-2228 Red shale  
2228-2230 Med hard sandstone  
2230-2238 Hard sandstone  
2238-2255 Med soft sandstone  
2255-2274 Soft water bearing sandstone  
2274-2276 Hard sandstone  
2276-2282 Grey shale

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	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	Kind	From (Feet)	To (Feet)
1995-2007 Red shale								
2007-2090 Grey sandstone								
2090-2110 blue shale 6 3/4		4 1/2 od 9.5	1884	2241				
2110-2128 Sandstone		4 1/2 od 6.75	1884					
2128-2228 Red shale								
2228-2230 Med hard sandstone								
2230-2238 Hard sandstone								
2238-2255 Med soft sandstone								
2255-2274 Soft water bearing sandstone								
2274-2276 Hard sandstone								
2276-2282 Grey shale								

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

Shut-in Pressure for Flowing Well Approx 80 psi.

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

Discharge in gal. per min of flowing well 10 gpm plus.

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) Cemented in

annulus with 12 sacks cement.

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

Show exact depth of bottom. 2282

87

Driller's License Number

Rocky Mountain Drilling Co.  
R. M. Moran

DUPLICATE

T 23 N R 12 E 30

County Choteau

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

RECEIVED  
NDW 9 1962

Notice of Completion of Groundwater  
Appropriation by Means of Well ENGINEER

Top of Ground  
(Elev. above sea level 3300...)  
0-68' Glacial Till  
68-127 Blue Shale  
127-155 Grey & brown Sandstone (Under Chapter 237, Montana Session Laws, 1961)  
155-182 Grey shale Sandy layers  
182-191 Talc white sandstone  
191-343 Grey shale Sandy layers  
343-355 Grey shale  
355-555 Blue shale  
555-642 Blue shale  
642-808 Blue shale  
808-1110 Blue shale  
1110-1446 Blue shale  
1446-1662 Blue shale layers sandstone & bentonite  
1662-1857 Blue shale  
1857-1887 Sandstone  
1887-1910 Red shale  
1910-1970 Blue shale Some red shale  
1970-1995 Sandstone  
1995-2007 Red shale  
2007-2090 Grey sandstone  
2090-2110 Blue shale 6 3/4  
2110-2124 Sandstone  
2124-2128 Red shale  
2128-2230 Med hard sandstone  
2230-2255 Hard sandstone  
2255-2274 Med soft sandstone  
2274-2276 Soft water bearing sandstone  
2276-2282 Hard sandstone  
2282-2282 Grey s.

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

Show exact depth of bottom. 2282

Driller T & M Drilling Co. Address Stanford  
Date of Notice of Appropriation of Groundwater  
Date well started Aug 1st 62 Date Completed Sept 20, 62  
Type of well Drilled Equipment Used Rotary  
(Churn, drill, rotary or other)

Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒  
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 Casing	From (Feet)	To (Feet)	PERFORATIONS		
			Kind Size	From (Feet)	To (Feet)
4 1/2 od 9.5	1884	2241			
4 1/2 od 6.75	0	1884			

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

Shut-in Pressure for Flowing Well Approx 80 psi.

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

Discharge in gal. per min. of flowing well 10 gpm plus.

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) Cemented in

annulus with 12 sacks cement.

87  
Driller's License Number  
T & M Drilling Co.  
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.

2461.

342373

STATE OF MONTANA,  
COUNTY OF CHOUTEAU, {

Filed NOV 8 1962 19\_\_

at 10:15 o'clock A. M.

George W. Harvey

County Clerk

Irma M. Harris Deput

2.00 Paid