

1183

12-30
8.48
Earl Walton
COUNTY CLERK & RECORDS
BY [Signature]
200

File No. _____

T 17 R 6 E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

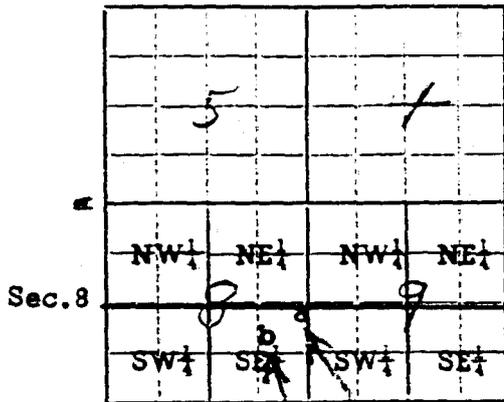
RECEIVED
DEC 26 1963

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

I, Clara Barnes Lea, of Heart C Ranch Belgrade
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana

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



Sec. 8

Continuous use by owner and predecessors since 1865, for irriga-

tion of lawn, crops, garden, domestic use, livestock watering, and continuous flow to prevent pipe from freezing.

2. The beneficial use on which the claim is based

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April, 1865, used continuously since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 55 gallons per minute or 1 miners inch

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Used to irrigate 3/4 acre garden and yard of which declarant and predecessors have been continuous owners since 1865 upon lands described as indicated to the left hereof.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hole dug in side of hill creating spring producing flow through 1 inch pipe with head of 25 feet to premises, running continuously

flowing from a to b

SE 1/4 Sec. 8 T. 1 N. R. 6 E

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April, 1865

8. The depth of water table Immediately at and slightly below surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Described in No. 6

10. The estimated amount of groundwater withdrawn each year Continuous flow through 1 inch cast iron pipe with head of 25 ft., minimum 45,000 gallons per year

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

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

Signature of Owner Clara Barnes Lea

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

12095

1975

State of Montana)
County of Gallatin) ss.

Filed December 23, 1963

at 9:08 o'clock AM.

EARL WALTON

COUNTY CLERK & RECORDER

By Lucille A. Russell

DEPUTY

Fee \$ 2.00

File No. _____

T. 17 R. 6 E.

DUPLICATE

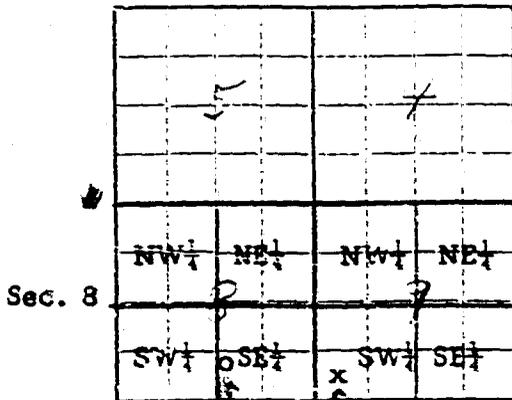
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, 1951 Session Laws, 1961)

1. Clara Barnes Lea of Heart C Ranch Belgrade
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



flowing from x to o
1/4 Sec. 8 & 9 T. 17 N. R. 6 E.

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

Continuous use by owner and predecessors since 1865, for irri-

2. The beneficial use on which the claim is based irrigation of lawn, crops, garden, domestic use, livestock watering, and continuous flow to prevent pipe from freezing.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April, 1865, used continuously since

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 110 gallons per minute or 2 miners inches.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Used to irrigate 1 3/4 acres garden and yard of which declarant and predecessors have been continuous owners since 1865 upon lands described as indicated to the left hereof.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Collected by ditches 1 ft deep draining into sump 2 ft x 4 ft x 1 ft and then to lined reservoir 4 ft x 6 ft x 10 ft and to premises in 3 inch pipe, water running continuously.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April, 1865.

8. The depth of water table 6 inches below surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Described in no. 6.

10. The estimated amount of groundwater withdrawn each year Continuous flow thru 3 inch cast iron pipe with head of 80 feet -- minimum, 90,000 gallons per year

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

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

Signature of Owner Clara Barnes Lea
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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

12096

1976

State of Montana }
County of Gallatin } ss.

Filed **December 23**, 1963
at **9:09** o'clock **A**.M.

EARL WALTON

COUNTY CLERK & RECORDER

By *Leah A. Maxwell*
DEPUTY

Fee \$ **2.00**

File No. _____

T. _____ R. _____

DUPLICATE

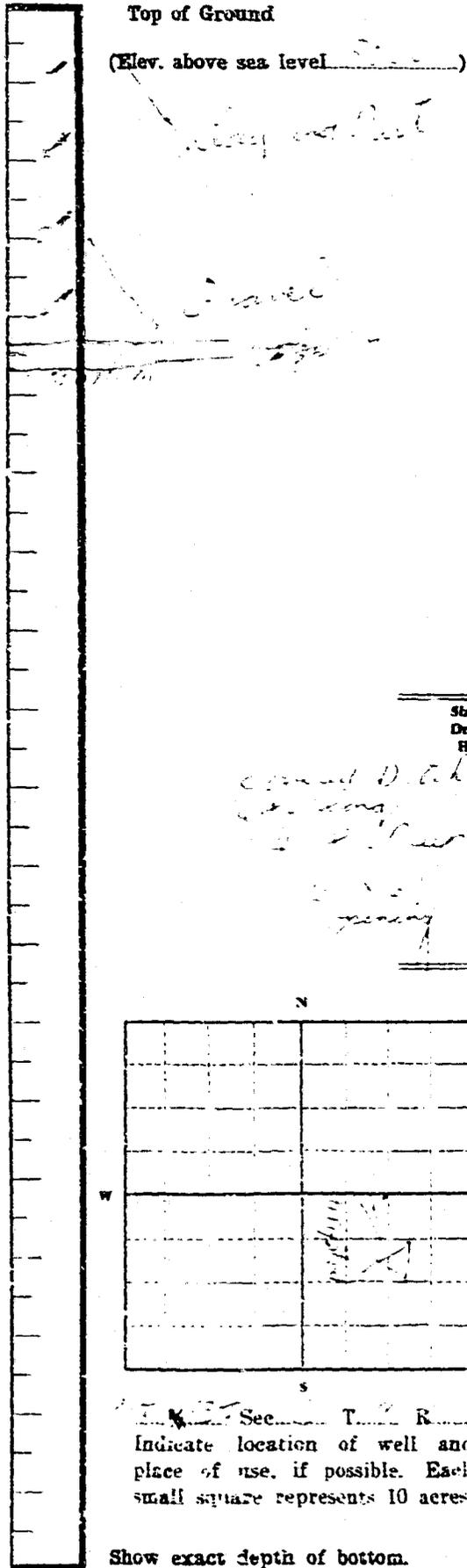
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

JAN 16 1964



Owner _____ Address _____

Driller _____ Address _____

Date of Notice of Appropriation of Groundwater _____

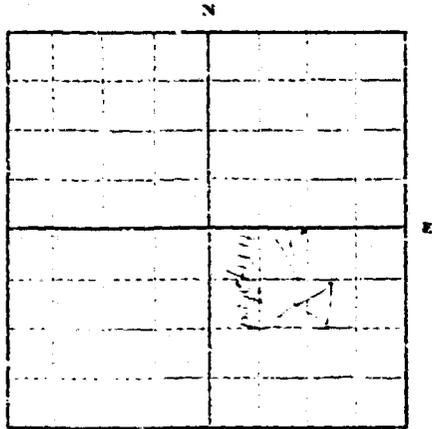
Date well started _____ Date Completed _____

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)



Show exact depth of bottom.

Static Water Level for non-flowing Well _____ feet.

Shut-in Pressure for Flowing Well _____

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

Discharge in gal. per min. of flowing well _____

How Tested _____ Length of Test _____

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation _____

Driller's License Number _____

Driller's Signature _____

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

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

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

33324

1

1185

12-30 1963
E. H. G. of rock A. M.
Carl Walton
FOS
see 3 706

File No.

T **1N** R **6E**

DUPLICATE

County **Gallatin**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 12 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1928
United States of America

Owner **(Forest Service)** Address **Bozeman, Montana**

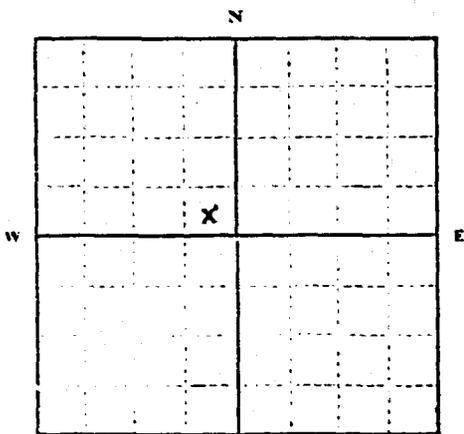
Contractor (if any) N/A

Address of Contractor N/A

Date Started 1928 Date Completed 1928

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

Spring



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.

Johnson Spring - 2 G.P.M. measured and timed flow.

Use Period: Grazing period, approximately 4 months.

SE 1/4 Sec. **15** T **1N** R **6E**

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

JOHNSON SPRING

UNITED STATES OF AMERICA

Signature of Owner BY *[Signature]*

Date December 11, 1963

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

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

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

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

2605

857

State of Montana }
County of Gallatin } ss.
Filed Dec 11 1963
at 4:10 o'clock P. M.
Carl Walker
COUNTY CLERK & RECORDER
By [Signature]
DEPUTY
Fee \$ 2.00

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Lena Ryan Address Rt 2 Belgrade

Driller M. E. Jones Address Bozeman

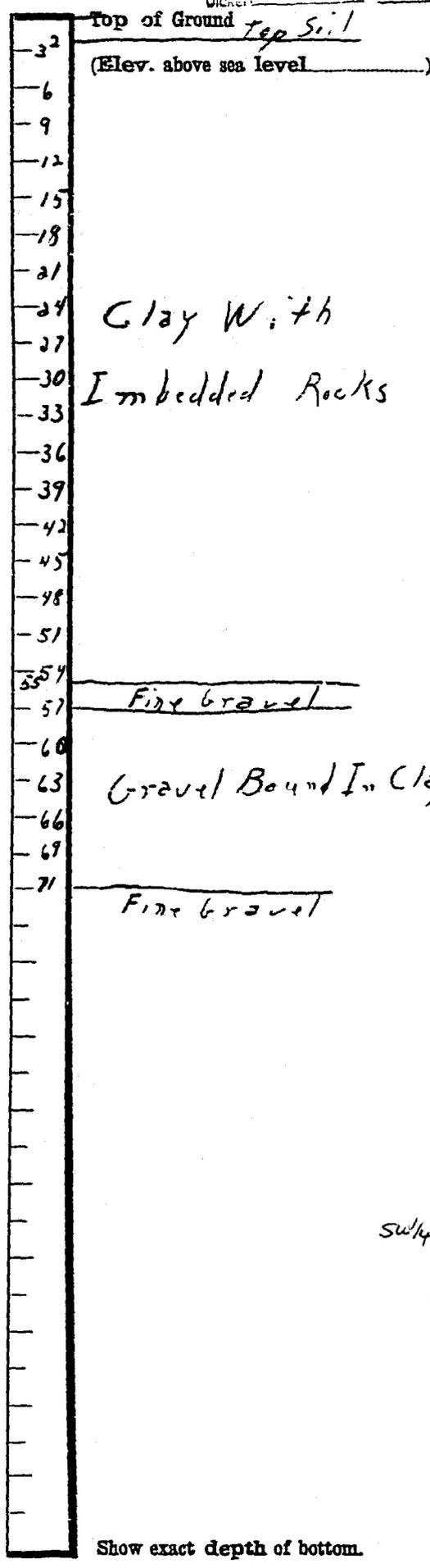
Date of Notice of appropriation of groundwater _____

Date well started Nov 23, 1965 Date completed Nov 26, 1965

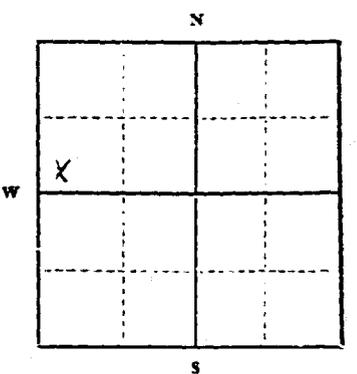
Type of well Drilled Equipment used Churn Drill
 (Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" ID x 11 1/2"	1 1/2 Feet Above Ground	6 9/10'	No. 11 1/4		



Static Water Level for non-flowing well 50 feet.

Shut-in Pressure for Flowing Well _____ feet

Pumping Water Level 71 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump

Length of Test 1 Hour

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

SW 1/4 Sec 16 T. 10 N. R. 6 E
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

17

Driller's License Number _____
Milton E. Jones
 Driller's Signature

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

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

41823

2083

State of Montana ss.
County of Gallatin

Filed March 30, 1967

at 1:15 o'clock P.M.

Carl L. Slucky

County Clerk & Recorder

By L. O. Water

Fee \$ 2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use	
File	<u>2247</u>
	<u>597-75</u>
GW 1	<u>210717</u>

Owner M. L. and Virginia S. HASTING

Address Rt. 1 - Belgrade, Mont. 59714

Contractor (if any) _____

Address of Contractor _____

Date Started 1935 Date Completed 1935

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Domestic water supplied by a water box set into Ross Creek

2. Means of withdrawing water (gravity, pump, canal, etc.) gravity

3. Depth of water table _____

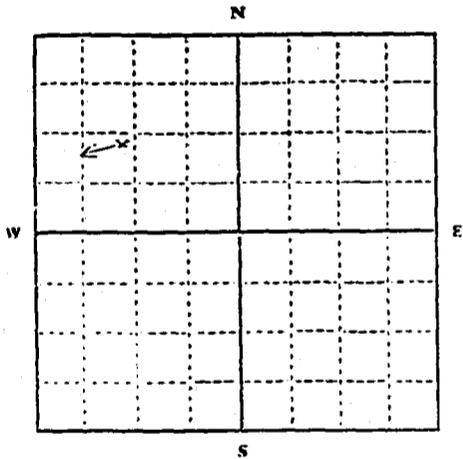
4. Use of the water For domestic purposes, Lawn, and home garden

5. Amount of groundwater claimed (in miner's inches or gallons per minute) Two gallons per minute when in use from a 3/4" pipe

6. If used for irrigation, give number of acres and description of land Lawn and 30'x40' garden. Much less than one acre

7. Estimate amount of water used each year 150 gallons per day 54 750 gallons per year

8. Months of year spring flows Ross Creek flows the year around



W 2 NW 1/4 Sec 16

T. 1 N. N R. 6 E E
S W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated 5200 feet above sea level

Signature of Owner _____

Date _____

1N-6E

County RECEIVED

16

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use	
File	<u>3298</u>
	<u>6-27-73</u>
GW 1	<u>2:10 p.m.</u>

Owner M. L. and Virginia S. HASTING

Address Rt. 1 - Belgrade, Mont. 59714

Contractor (if any) _____

Address of Contractor _____

Date Started 1935 Date Completed 1935

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Domestic water supplied by a water box set into Ross Creek

2. Means of withdrawing water (gravity, pump, canal, etc.) gravity

3. Depth of water table _____

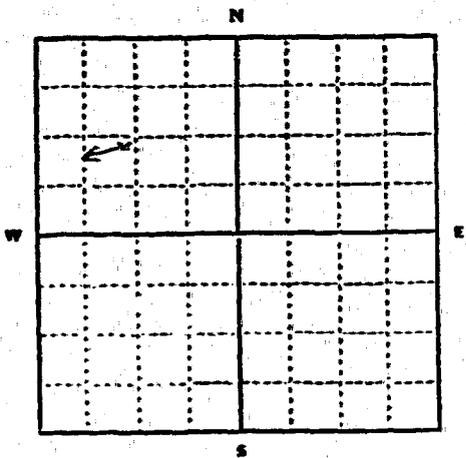
4. Use of the water For domestic purposes, Lawn, and home garden

5. Amount of groundwater claimed (in miner's inches or gallons per minute) Two gallons per minute when in use from a 3/4" pipe

6. If used for irrigation, give number of acres and description of land Lawn and 30'x40' garden. Much less than one acre

7. Estimate amount of water used each year 150 gallons per day - 54,750 gallons per year

8. Months of year spring flows Ross Creek flows the year around



W² NW 1/4 Sec 16

T. 1 N. S. R. 6 E. E. W.

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estimated

c. 5200 feet above sea level.

Signature of Owner _____

Date _____

55478

3293

State of Montana)
County of Gallatin) SS.

Filed June 27, 1973
at 12:10 o'clock A. M.

County Clerk & Recorder
By Alta Hargan
Deputy
Fee \$ 20.00

3070

State of Montana
County of Gallatin ss.
Filed May 3, 1972
at 2:00 o'clock P.M.
Carl L. Stucky
County Clerk & Recorder
By Paul G. Anderson
Deputy
Fee \$ 2.00 pd.

File No.

T. 17 R. 6E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 27 1963

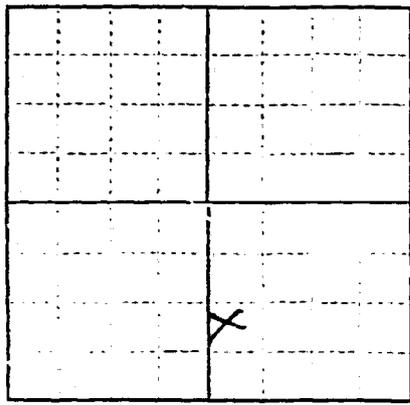
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Arnold L. Biggs (Name of Appropriator) of Rural Route 2 (Address) Belgrade (Town)

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



SW 1/4 Sec. 17 T. 17 R. 6E

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

2. The beneficial use on which the claim is based Well water for irrigation, stock and miscellaneous use.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Estimated at least 25 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
Acreage not available. Farm land owned by Louis A. Biggs

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not available.

8. The depth of water table Not available.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
A well located approximately 50 feet from main farm dwelling which is for domestic use, irrigation and stock, being a six (6) inch drilled well forty-eight (48) feet in depth producing at least twenty-five (25) gallons per minute by jet pump, cased by 6, 5/8" steel casing.

10. The estimated amount of groundwater withdrawn each year Not known.

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

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 Louis A. Biggs

Date Jan 19, 1963

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

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

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

1035

State of Montana
County of Gallatin
Filed Nov 26 1963
at 12 o'clock P
W. J. ...
By [Signature]
Filed 7/2/63

File No. _____

T 177 R 6E

DUPLICATE

County Callatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Louis A. Biggs Address Belgrade, Montana

Driller Donald C. Jones Address Bozeman, Montana

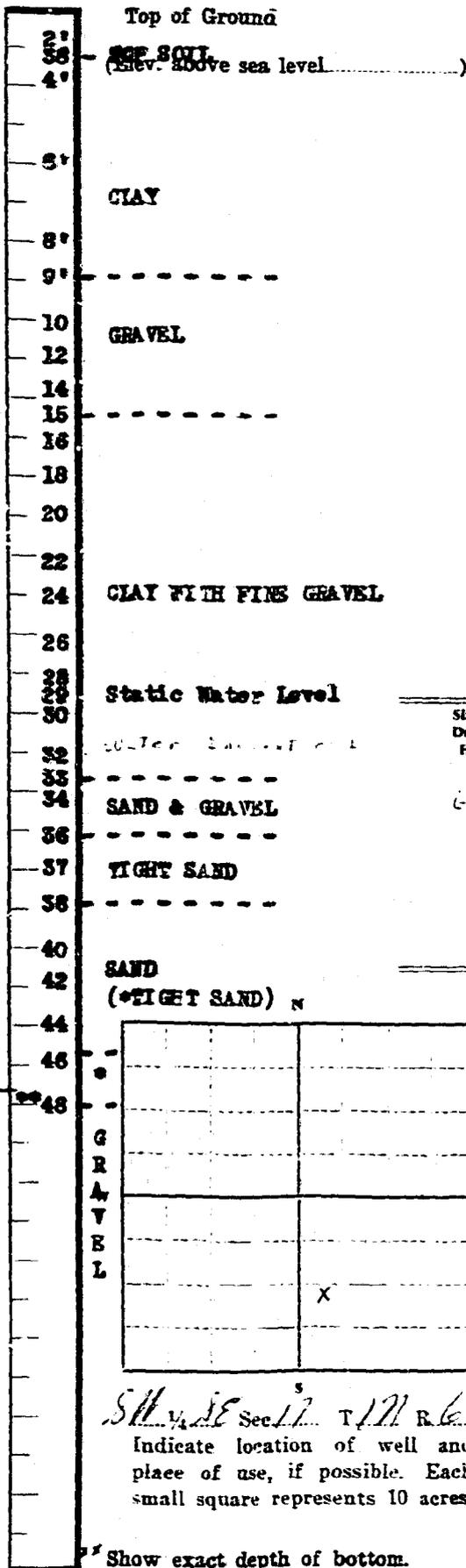
Date of Notice of Appropriation of Groundwater _____

Date well started February 20, 1962 Date Completed Feb. 28, 1962

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	Size: 6-5/8" O.D. 1-1/2" Wt: 15 #	Casing 47-1/2'		None		

Static Water Level for non-flowing Well twenty-nine (29) feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level forty (40) feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump Length of Test 45 minutes

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; domestic, stock and irrigation of 1 acre or more.

17
Driller's License Number
Milton E. Jones
Driller's Signature

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

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

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

State of Montana }
County of Gallatin } 55

Filed Dec 26, 1968
at 123 o'clock P. M.

[Signature]
COUNTY CLERK & RECORDER

[Signature]
DEPUTY

File No. _____

T. 7-R-5

DUPLICATE

County Gallatin

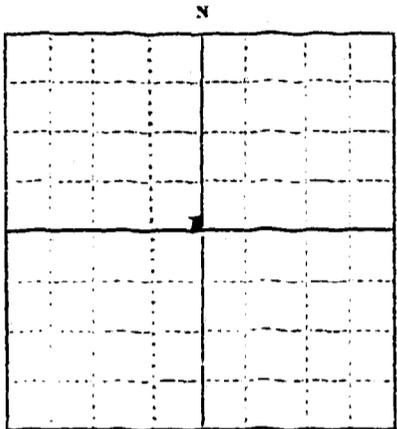
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. C. W. Cramer, of R.R. Springhill Belgrade
(Name of Appropriator) (Address) (Town)

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



SE 1/4 NW 1/4 Sec. 17, T. 1 N., R. 6 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; YARD & GARDEN IRRIGATION (3 ACRES)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. MARCH 1948 - CONTINUOUS USE SINCE

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal/min of pump operation

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
3 ACRES LAWN & GARDEN
LLOS E. PARKER

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 1 WELL 10' EAST OF RESIDENCE - ELECTRIC PUMP

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

8. The depth of water table. 2' below ground surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 2' below ground surface
CASED, 5", 33' DEEP

10. The estimated amount of groundwater withdrawn each year. 450,000 gal/ann

11. The log of formations encountered in the drilling of each well if available. not available
no collection of loam & 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. Ref. to property of
LLOS E. PARKER

Signature of Owner C. W. Cramer

Date Dec 31-63

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

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

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

1540

Dec 31

31.22 Cr.

Dr.

1.00

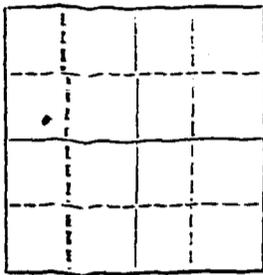
T 1N R 6E ¹⁷
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER



Owner L. R. Ryan Address Big Lake, Mont.
Driller W. R. Ryan Address Big Lake, Mont.
Date Started Sept 12, 1960 Date Completed Sept 14, 1960
Location: Sec 17 T 1N R 6E $\frac{1}{4}$ sec SW⁴ NW¹

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

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

Casing: 0 ft. to 55 ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

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

Type of screen or perforations _____

Static Water level, for non-flowing well: 137 feet.

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

Pumping water level 10 feet at 55 gal. per min.

How tested: Sailer

Length of test: 1-1/2

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

(Over)

Gaston County, N.C.
State of North Carolina

Filed November 10, 1966

at 4:25 o'clock P. M.

Earl Walton
COUNTY CLERK

By Loy P. Carroll
DEPUTY

Fee \$2.00 PD

File No. STATE WATER CONSERVATION BOARD

T. 1N R. 14E 17
6E
Gallatin
County

DUPLICATE

FEB 27 1967

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ed. J. Jones Address Bulgrade Mont

Driller Donald C. Jones Address 2107 Bridger Dr. Bozeman, Mont.

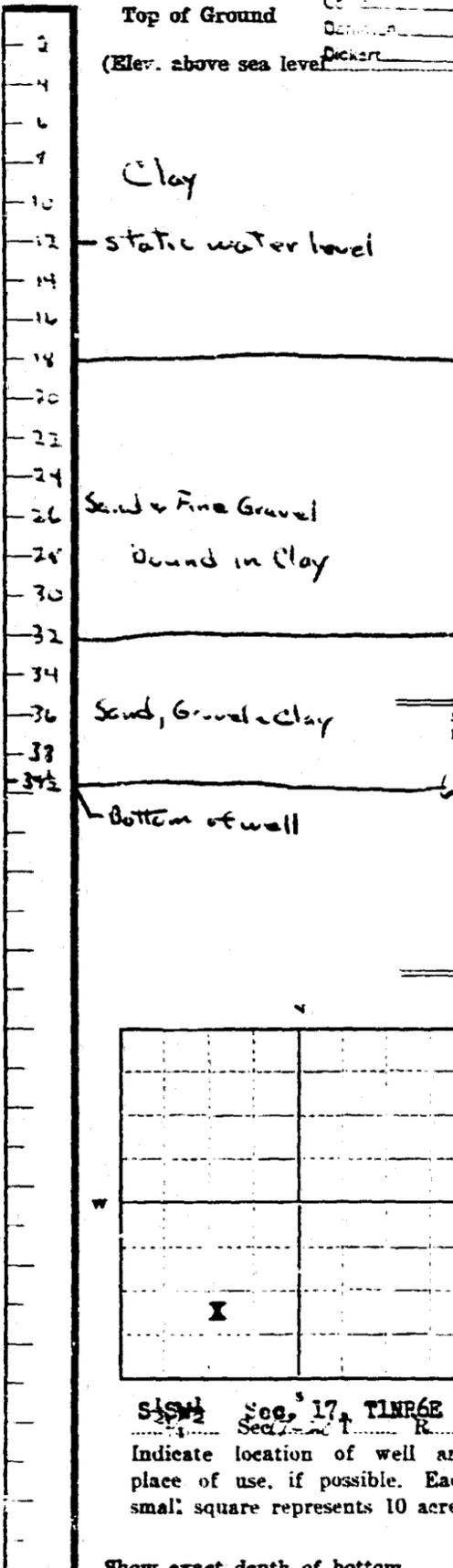
Date of Notice of Appropriation of Groundwater

Date well started Feb. 16, 1967 Date Completed Feb. 13, 1967

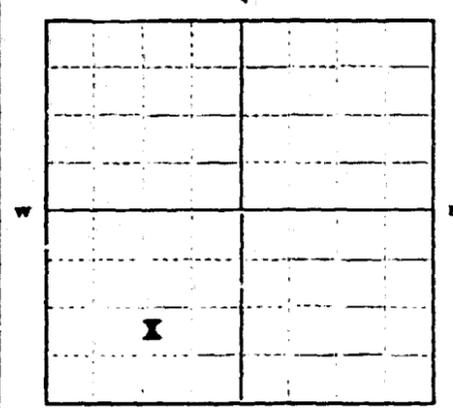
Type of well Drilled Equipment Used Churn Drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 5/8" OD.	1 1/2" WT.	1 1/2 ft	38 ft.			
		above ground				



SSW Sec. 17, T1N R6E
Section 17
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 12 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 37.2 feet at 7 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Pump Length of Test 1 hr. 15 min.

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)

17
Driller's License Number

Donald C. Jones
Driller's Signature

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

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

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

41757 41756

#2071

State of Montana ss.
County of Gallatin
Filed February 23, 1967
at 7:30 o'clock P. M.
Carl L. Stucky
County Clerk & Recorder
By Louella Maxwell
Deputy
Fee \$ 2.00 pd.

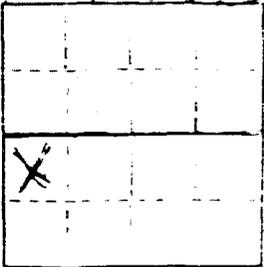
T 1N 6E 18
Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 11 1947

WATER WELL LOG

STATE ENGINEER



Owner *Henry J. Wall* Address *Belgrade, Mont.*
Driller *Van Dyken Drilling Co.* Address *Bozeman Mont.*
Date Started *June 1, 1947* Date Completed *June 7, 1947*
Location: Sec *18* T *1N* R *6E* sec *NW 1/4 of SW 1/4*

Type of well *Drilled* Equipment used *Drill*
Dug, driven, bored, or other Cable drill, rotary, other

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

Casing: ft. to *80* ft. Type *iron* Size *6 in.*
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 *15 ft below surface* feet.
Shut-in pressure, for flowing well: _____ lb. sq. in. on _____ (date)
Pumping water level *15 ft below surface* feet at _____ gal. per min.
How tested: *1 horse electric pump open flow*
Length of test *12 hrs*

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
above well drilled while in owner's ranch

#296

County

Dec 28

11:32

A.

Carl Nelson

By Lucile M. Kapweel

Fee \$ 2.00 pd

T. 14 R. 6E 18
County Saltwater

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1921

WATER WELL LOG

X		

Owner James Wall Address State Engineer
Driller not known Address _____
Date Started about 1920 Date Completed 1920
Location: Sec. 18 T. 14 R. 6E sec. _____

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: _____ ft. to 25 ft. Type iron Size 4 in

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: 15 ft below surface 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)

above drill before I bought ranch

(over)

294

COPIES DESTROYED
APR 19 1964

Dec. 28 1931

11:30 A.M.

Carl Wallon

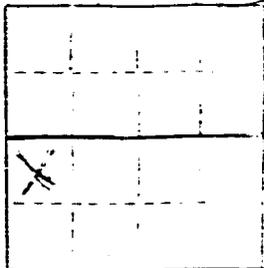
Levitt A. Maxwell

7.00 pd.

111-6E 18
Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner *Henry J. Wall* Address *Belgrade, Mont.*
Driller *Van Dyken Drilling Co.* Address *Bozeman Mont.*
Date Started *June 1, 1947* Date Completed *June 7, 1947*
Location: Sec. *18* T. *11N* R. *6E* *111-6E of S. 1/4*

Type of well *Drilled* Equipment used *Drill*
Open hole, cased hole, etc. Churn drill, rotary, other

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

Casing: _____ ft. to *80* ft. Type *iron* Size *6 in.*

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 perforation: _____

Static Water level, for non-flowing well: *5 ft. below surface* feet.

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

Pumping water level: *5 ft. below surface* gal. per min.

How tested: *1 hr. electric pump down flow*

Length of test: *1 hr.*

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

above well drilled while in owner's hands

296

Dec 23

11:32

A

Lucille M. Maxwell

2.00 pd

File No. _____

T 1N R 6E

DUPLICATE

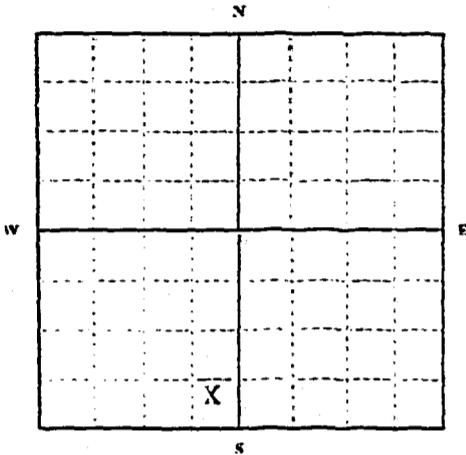
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Cna M. Wright, of Belgrade
(Name of Appropriator) (Address) (Town)
County of Gallatin 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. 18 T. 1N R. 6E

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

2. The beneficial use on which the claim is based domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1875 - continuous since that time
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100,000 gallons/year
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 4" or 5" steel casing, electrical pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1875
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 4" or 5" steel casing to depth of 30 feet, electrical pump
10. The estimated amount of groundwater withdrawn each year 100,000 gallons
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Date

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

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

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

1437

Sept 31 1963
9.10
Curt Walton
for
1963

T. 11 R. 6E
County Butte

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner Carl Martin Hunt Address Bozwick, Mont

Driller Wm. T. White Address Bozwick?

Date Started Apr-July 1920 Date Completed Apr-July 1920

Location: Sec. 19 T. 1N R. 6E $\frac{1}{4}$ sec. 1NW of NE 1/4

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 1 ft. to 76 ft. Type 1-in. wire Size 5 in

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

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

Perforated or screened: Ft. unknown Ft. _____ to ft. _____

Type of screen or perforations unknown

Static water level, for non-flowing well: 15 (estimated) feet.

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

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

How tested: _____

Length of test _____

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

(over)

File No.

T. 1N R. 6E

DUPLICATE

County Gallatin

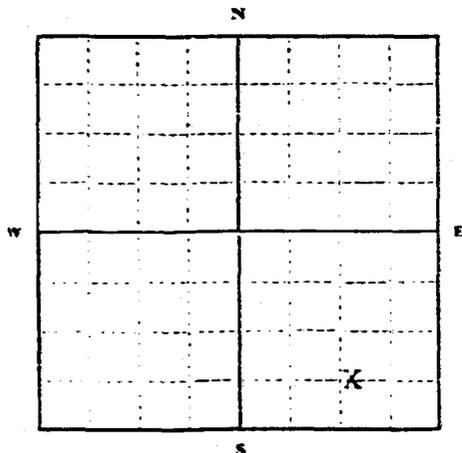
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1951)

1. Harold F. Wright of Belgrade
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec. 20, T. 1N R. 6E

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. 1905 - continuous since that time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.5 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
No irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 3/4 inch, plastic pipe; wooden box 2' x 8' x 12'; tunnel dug 40' into mountain side, 2" pipe brings water to settling box

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1905

8. The depth of water table 15 to 20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 3/4 inch, plastic pipe; wooden box 2' x 8' x 12'; tunnel dug 40' into mountain side, 2" pipe brings water to settling box

10. The estimated amount of groundwater withdrawn each year 550,000 gallons

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

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

Signature of Owner Harold F. Wright

Date 2-1-62

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 35748

1434

Dec 31 63

Paul Williams



Joe

✓

23

File No. _____

T 1N R 6E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
DEC 10 1963

**Notice of Completion of Groundwater Appropriation
Without Well**

STATE ENGINEER

(Under Chapter 27 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1928

United States of America

Owner (Forest Service) Address Bozeman, Montana

Contractor (if any) N/A

Address of Contractor N/A

Date Started 1928 Date Completed 1928

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

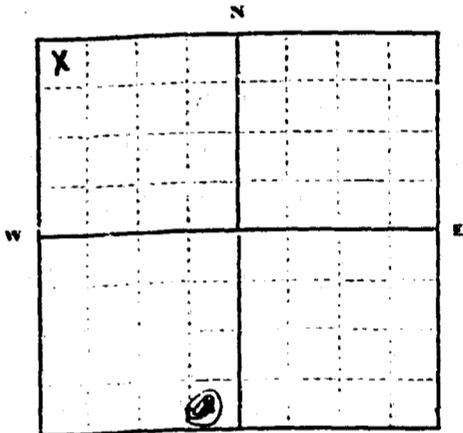
Spring

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

JONES SPRING - 40 G.P.M. - measured flow, and timed.

Use period: Grazing season, approximately four months annually.



NW NW NW
Subsidiary 1/4 Sec. 23 T1N R. 6E

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

JONES SPRING

UNITED STATES OF AMERICA
Signature of Owner [Signature]

Date December 4, 1963

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

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

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

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

#818

State of Montana }
County of Gallatin } ss.

Filed **December 9**, 1963

at **11:48** o'clock **A.** M.

EARL WALTON

COUNTY CLERK & RECORDER

By

Scott M. Mayfield

DEPUTY

Fee \$ **2.00**

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
GALLATIN NATIONAL FOREST
Bozeman, Montana
December 10, 1963

RECEIVED
DEC 12 1963
STATE ENGINEER

2510

Montana State Engineer
Helena, Montana

Dear Sirs:

We find that Form GW 3 for Jones Spring, Gallatin County, Montana - filed 12/9/63 (file no. 818) in the office of the Gallatin County Clerk and Recorder - contained an error.

Would you please change the location on your copy to read NW1/4NW of Section 23, T1N, R6E, and also change the location on the map? This correction has already been made by the Clerk and Recorder on the file copy.

Thank you.

Sincerely yours,

Robert S. Gibson, Jr.
DISTRICT RANGER

By *Earl White*



File No.

T 1N R 6E

DUPLICATE

County Gallatin

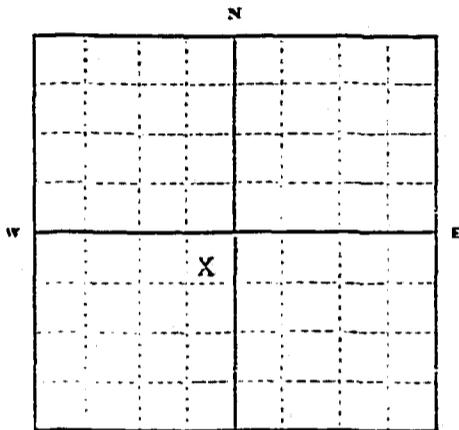
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 18 1961

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Joseph W. and Edith J. Wright, of Belgrade
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 SW 1/4 Sec. 23 T. 1N R. 6E

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 1940-continuous since that time

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof no irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal seeps from hillside to box 2' x 6' x 1', 3/4" pipe to water trough

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

8. The depth of water table surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater See No. 6

10. The estimated amount of groundwater withdrawn each year 325,000 gallons

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

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

Signature of Owner Joseph W. Wright
Date Jan 18 1961

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

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

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

35752

1438

Dec 31 63

9.11 9.11

fin

30

File No. _____

T. 1N R. 6E

DUPLICATE

County Gallatin

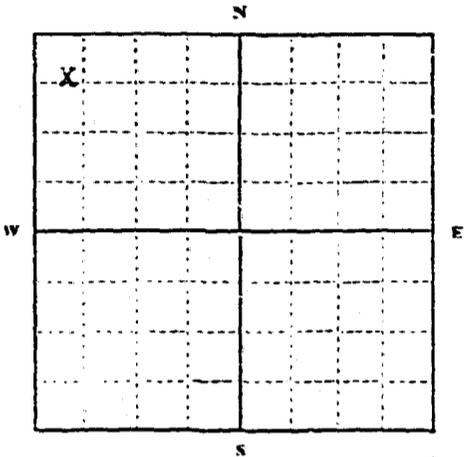
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NW 1/4 NW 1/4 Sec. 29 T. 1N R. 6E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1940 - continuous use since that time.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. pond (30' x 50') dug at the spring.

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

8. The depth of water table. 2 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. pond (30' x 50') dug at the spring

10. The estimated amount of groundwater withdrawn each year. 325,000 gallons

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

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

Signature of Owner Harold F. Wright

Date Jan 15 1964

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.

35749

1435

Dec 31 1963
9.08
Carol Walton
By: [Signature]
Fee \$ 7.00

29

File No. _____

T 1N R 6E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

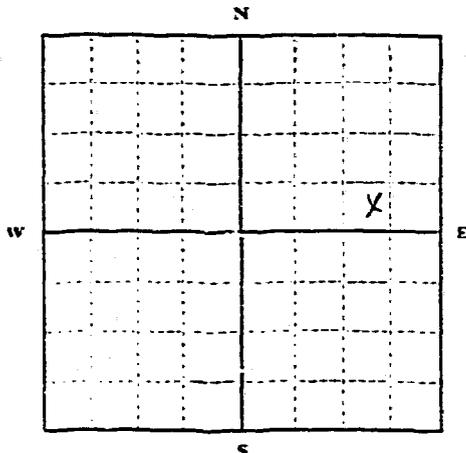
(Under Chapter 237, Montana Session Laws, 1961)

JAN 15 1964

I Joseph W. and Edith J. Wright, of Belgrade, (Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana

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



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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1880 - continuous since that time

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
~~shipped 800 or 600 feet deep in center~~
No irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
dug pond 30' x 30', 5 feet deep in center

SE 1/4 Sec 29 T1N R6E

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1880

8. The depth of water table 2 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 See No. 6

10. The estimated amount of groundwater withdrawn each year 325,000 gallons

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

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

Signature of Owner Joseph W. Wright
Date Jan 15 1964

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.

35755

144i

Filed Dec 31 1963
9:13 P.M.
Carl Walton
By [Signature]
Fees 73

File No. _____

T 1N R 6E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

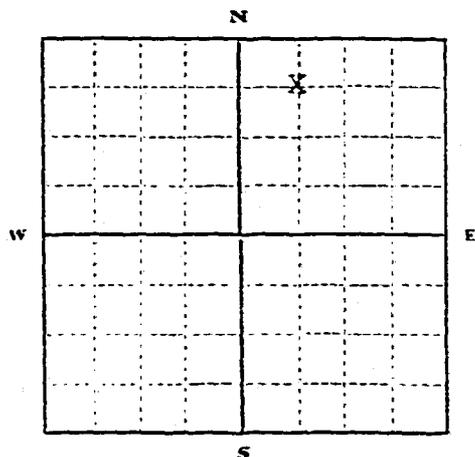
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Joseph W. and Edith J. Wright, of Belgrade, (Name of Appropriator) (Address) (Town)

County of Gallatin 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. 30 T. 1N R. 6E

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 1910 - continuous since that time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3.0 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof no irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal perforated pipe 4" in diameter, 70 feet buried 4 feet in ground, delivers water to settling box, 2' x 8' x 1'; 1 1/2" and 1" pipes

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910

8. The depth of water table 4 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 See No. 6

10. The estimated amount of groundwater withdrawn each year 700,000 gallons

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

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

Signature of Owner Joseph W. Wright

Date 12-1-63

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

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

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

1456

Nov 31 1913
9.12
East Water
for
200

File No.

T. 11 N. R. 6 E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

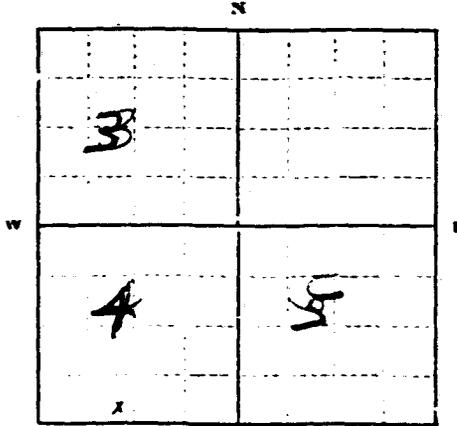
RECEIVED
DEC 17 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Clinton C. Kallstedt of R.R. #1 Byzance
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 31 T. 11 N. R. 6 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 house
stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Jan 15, 1960.
Every day.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 75 gallons per minute.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Subsidence
Removes water from the ground
Approx 300 ft. outside of the well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Dec. 27, 1959 - Jan. 15, 1960

8. The depth of water table 280'

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" casing 300 ft. depth.

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

11. The log of formations encountered in the drilling of each well if available 4' gravel + sand.
2' clay, Calumet gravel + sand.

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

Clinton C. Kallstedt
Signature of Owner

Date 12/16/1963

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.

200

State of Montana }
County of Gallatin } ss.
Filed June 16, 1963
at 12:00 o'clock P. M.
Carl Walker
COUNTY CLERK & RECORDER
By [Signature]
DEPUTY
Fee \$ 2.50

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Chas. K. Greening, Jr.
Address 6905 Given Road
Cincinnati, Ohio.
Date well started 6/10/70
completed 7/15/70

For Administrator's Use	
File #	<u>#3114</u>
Date	<u>Aug. 23, 1972 9:30am</u>
GW 1	

Type of well Drilled
(Dig, driven, bored or c-illed)

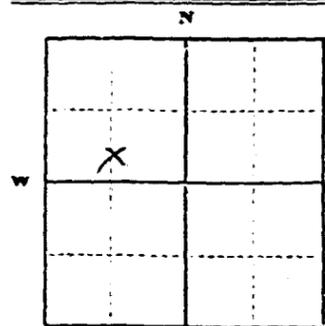
Equipment used Cable tools.
(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" Steel 17# 4 1/2" O.D.	0'	82'6"	1/2" x 3"	55'	78'
	Plastic	0'	155'	1/16" 1 3"	135'	155'



S 1/4 Sec. 2
T 1 N R 7 E

Static water level 95 ft.
Pumping water level 140 ft.
at 25 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 2 hours.
Power electric Pump 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
Puddled clays and drill mud shutoff outside of casing 0' to 81'

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0'	5'	Soils.
5'	150'	Hard and soft shales. 10 G.P.M. @ 55' to 78' & G.P.M. @ 105'
150'	155'	Both waters dried up 3 weeks later so drilled well deeper. T.D. was 180'
155'		Sandstone Water. Production is from sandstone only.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.
VAN DYKER DRILLING CO,
Driller's Signature [Signature]
Driller's Address BOZEMAN, MONTANA

LICENSE NO. 1

155' Show exact depth of bottom

51,232

#3114

State of Montana ss.
County of Gallatin
Filed August 23 1972
at 9:30 o'clock A.M.
Carl L. Stucky
County Clerk Recorder
By Lucy A. Bridges
Deputy
Fee \$ 2.00 pd.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use	
File	<u>3203</u>
	<u>MARCH 12, 1973</u>
GW 1	<u>3:30 p.m.</u>

Owner Charles K. Greening, Jr.
 Address 6905 Given Road; Cincinnati, Ohio 45243
 Contractor (if any) none
 Address of Contractor N/A
 Date Started c. 1920 Date Completed c. 1920

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) developed spring

2. Means of withdrawing water (gravity, pump, canal, etc.) gravity

3. Depth of water table _____

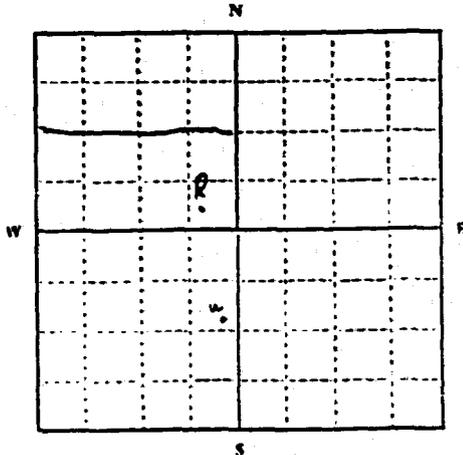
4. Use of the water personal - for house

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 8 gallons per minute

6. If used for irrigation, give number of acres and description of land not used for irrigation

7. Estimate amount of water used each year 220,000 gallons

8. Months of year spring flows all year--continuous



SE 1/4 NW 1/4 Sec. 2
 T. 1 N. R. 7 E. XXIX

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
 Elevation of spring, if known or estimated 5660 feet

Signature of Owner [Signature]
 Date 20 February 1973

#3703

State of Montana }
County of Gallatin } ss.
Filed March 12, 1973
at 3:30 o'clock P.M.
Carl L. Stucke
County Clerk & Recorder
By Frank A. Bridges
Deputy
Fee 200 pd.

File No. _____

T 1 R 7 5

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

JAN 15 1964
STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12/29/63
Owner Donald K. Scharff 1215 South Third Ave.
Bozeman, Montana

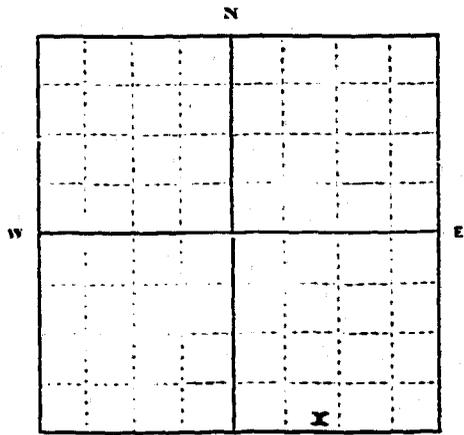
Contractor (if any) Not Applicable

Address of Contractor Not Applicable

Date Started Not Applicable Date Completed Not Applicable

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

Natural Spring



SE 1/4 Sec. 3 T 1 R 7 S

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

Estimate 3 gallons per minute flow. Flow timed

through pipe to cabin. Use intermittent, maximum

6 months per year.

Signature of Owner _____

Date _____

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

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

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

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

3

File No. _____

T 1 N R 7 E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12/29/63
Owner Donald A. Scharff Address 1215 South Third Ave. Bozeman, Montana

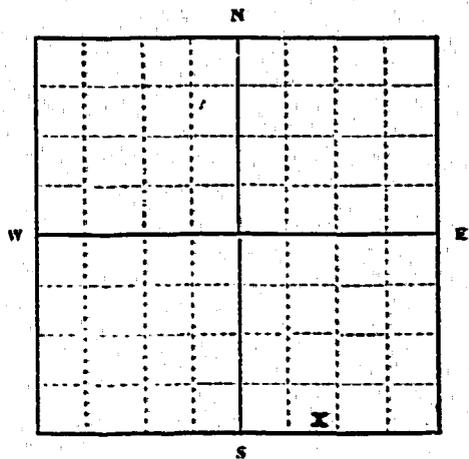
Contractor (if any) Not Applicable

Address of Contractor Not Applicable

Date Started Not Applicable Date Completed Not Applicable

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

Natural Spring



SE 1/4 Sec. 3 T. 1 N. R. 7 E
Indicate point of appropriation and place of use, if possible.

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

Estimated 3 gallons per minute flow. Flow timed through pipe to cabin. Use intermittent, maximum 6 months per year.

Signature of Owner _____

Date _____

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

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

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

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

1773

State of Montana / ss.
County of Gallatin /

Filed Dec 31 1963

at 419 o'clock P. M.
Carol Walker

COUNTY CLERK & RECORDER

By [Signature]

DEPUTY

For [Signature]

File No. _____

T. 1N R. 7E

DUPLICATE

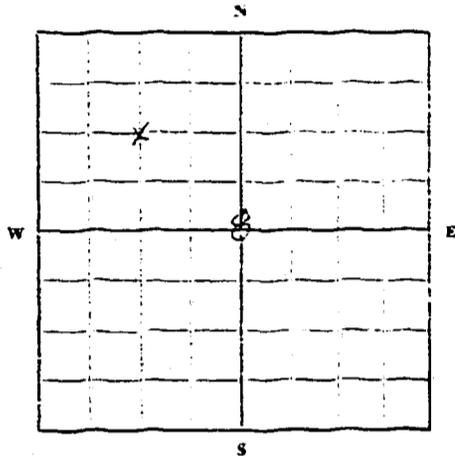
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. UNITED STATES OF AMERICA of WASHINGTON 25, D. C.
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 8 T. 1N R. 7E

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 Campground, Recreation Use (Boss Peak Spring)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Developed in 1941. Used prior to this in undeveloped stage - in continuous use since.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not applicable

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 Not applicable

10. The estimated amount of groundwater withdrawn each year Unknown

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

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

UNITED STATES OF AMERICA
By: Philip G. Schamp District Ranger
Shields Ranger District, Gallatin, N.F.

Signature of Owner _____

Date _____

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

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

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