

File No. _____

T 1 N R 4 E
County Gallatin

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

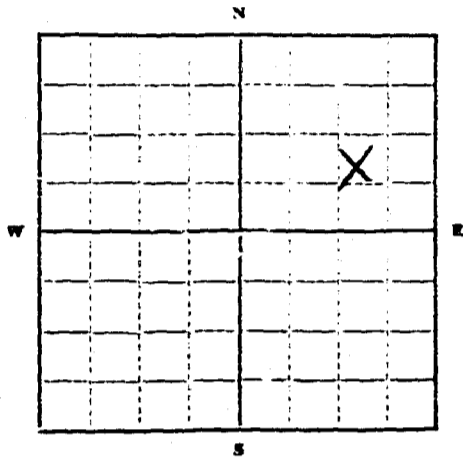
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John R. Beck (Name of Appropriator) 100 Park St. (Address) Bozeman (Town)
County of Gallatin State of Mont.

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



SE 1/4 NE Sec 19 T 1 N R 4 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 School use - drinking purpose

3. Date or approximate date of earliest beneficial use; and how continuous the use has been before 1912

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Re-drilled in latter part of 30's. Electrical pump installed in 1937.

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. 45' deep 6" casing

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 The estimated amount of groundwater withdrawn each year. 20,000 gallons

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

School District # 4
Signature of Owner Mrs. Aris Beck
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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

#1059

State of Montana }
County of Gallatin } ss.

Filed December 27, 1963

at 8:30 o'clock A.M.

EARL WALTON

COUNTY CLERK & RECORDER

By

Lowell A. Chapell
DEPUTY

Fee \$

File No. _____

T. 111 R. 45

DUPLICATE

County Carter

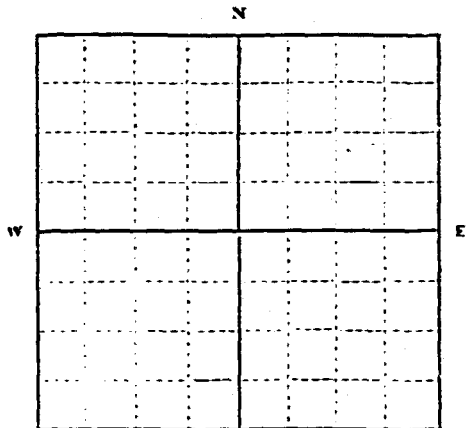
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Robert J. Smith, of Helena, Montana
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 7 T. 111 R. 45
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 1950

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gpm

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1950

8. The depth of water table 100 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 100 ft

10. The estimated amount of groundwater withdrawn each year 100 gpm

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 Robert J. Smith

Date 1/1/62

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 to the Appropriator

1572

NOV 31
1154
Don't Worry
By
Fee \$ 700

File No. _____

T. N. R. 4E 19

DUPLICATE

County CALVERTON

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 Donald L. Suhr Address Belgrade, Montana

Driller Potts Drilling and Dev. Address R.R. #1, Bozeman, Montana

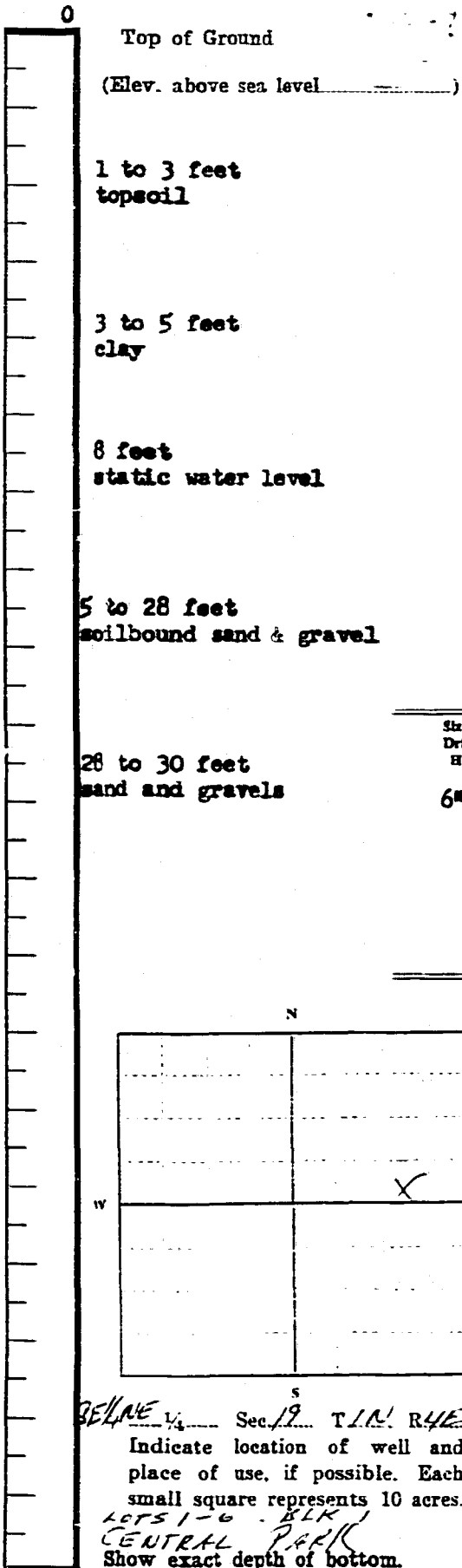
Date of Notice of Appropriation of Groundwater _____

Date well started Feb. 26, 1968 Date Completed Feb. 28, 1968

Type of well drilled Equipment Used Cable tool
(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"	6" I.D. 17 Lb.	+ 1	30			

Static Water Level for non-flowing Well eight feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 12 feet at 50 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested plugged Length of Test 3 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) _____

150
Driller's License Number

Shelton Potts
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.

375

7145

State of Montana ss.
County of Gallatin
Filed March 6 1968
at 1115 o'clock a.m.
Carl L. Stucky
County Clerk & Recorder
By Geo. O. Waters
County
Fee \$ 2.00

20

File No. _____

T. _____ R. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____ 1913 _____

Owner Lawrence Myers Address Butte

Contractor (if any) _____

Address of Contractor _____

Date Started _____ 1913 _____ Date Completed _____ 1913 _____

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

From ditch

By flow headgate

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.

~~4 months~~

4 months

Signature of Owner _____

Lawrence Myers

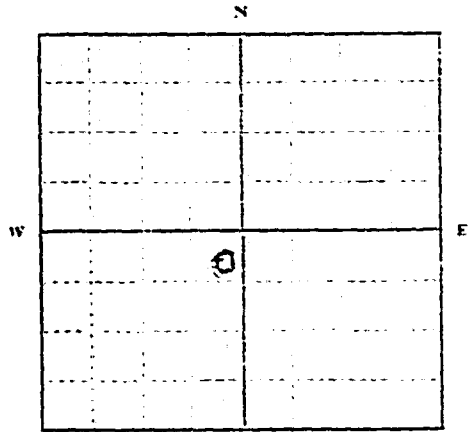
Date Dec 30, 1963

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

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

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

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



_____ 1/4 _____ Sec. _____ T. _____ R. _____

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

#1192

State of Montana (ss.
County of Gallatin)
Filed December 30, 1963 **A**
at 9:10 o'clock M.
EARL WALTON
COUNTY CLERK & RECORDER
By _____
Fee \$ 2.00 DEPUTY

File No. _____

T. 1 N. 1 R. 1 W. 1

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

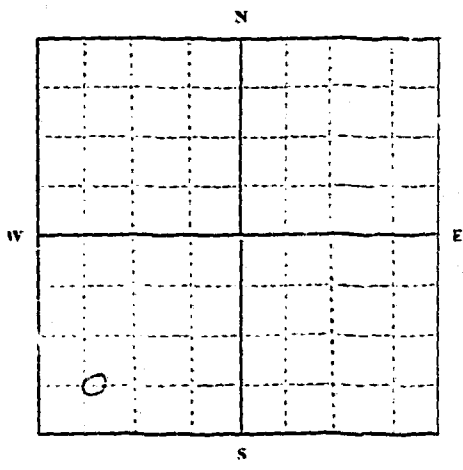
JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, James Van Dyke, of Bigfork
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. T R.
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1889

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1889

8. The depth of water table 10 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

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 James Van Dyke
Date 3-1-63

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

#1191

State of Michigan ss.
County of Cass

Filed December 30, 1963
at 9:09 o'clock A.M.

EARL WALTON
COUNTY CLERK
By *Edna Childs*
DEPUTY

Fee \$ 2.00

File No.

T H R 45 20

TRIPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level.....)
Top Soil 3009
Doc. No.
Filed for record
this 5 day of October
A. D. 19 71, at 11:30
o'clock A. M.

Owner Leslie D. Essex Address Route 1 Belgrade, Mont. 59714

Driller Walter J. Powers Address Willow Creek

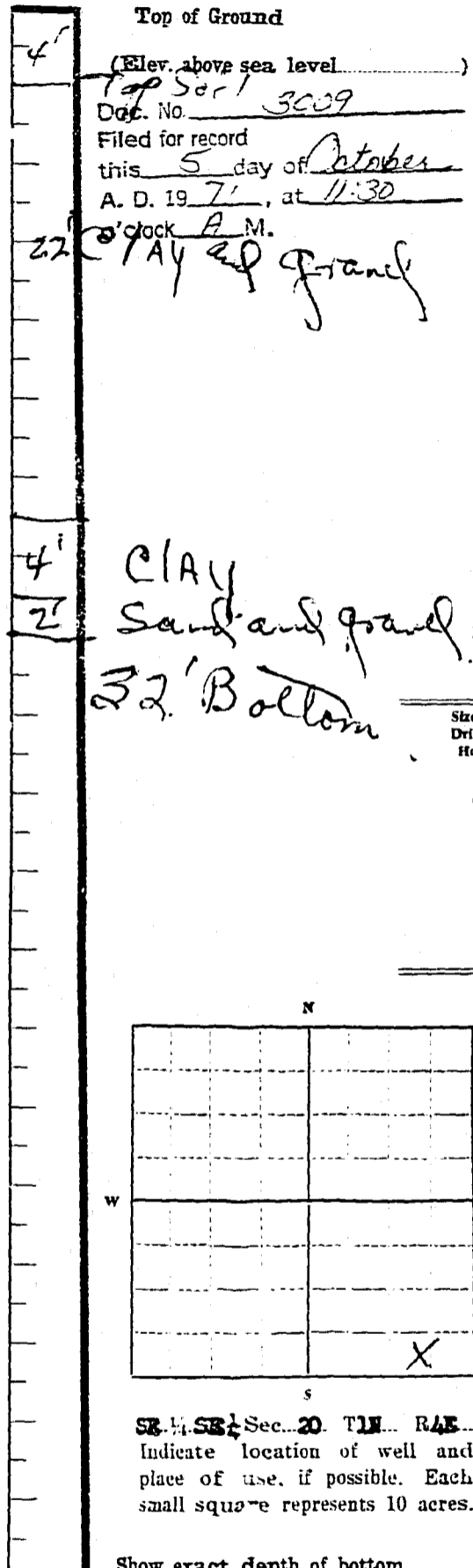
Date of Notice of Appropriation of Groundwater.....

Date well started April 7-62 Date Completed April 8-62

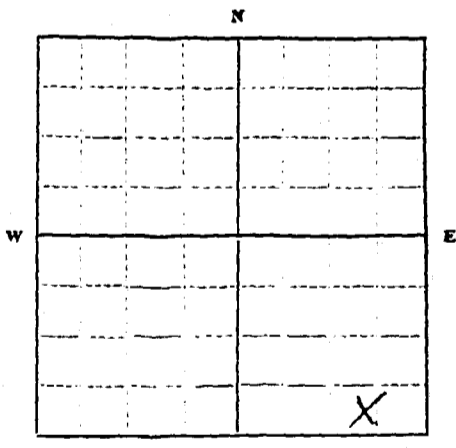
Type of well Drilled Equipment Used Churn
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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" x 6 7/8"	15#	0	30'	None		



SB 1, SB 2, Sec. 20, T1N, R4E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

32'

Static Water Level for non-flowing Well 7 feet.

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

Pumping Water Level 14 feet at 40 gal. per minute.

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

How Tested Baler Length of Test 2 hours

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

24
Driller's License Number

Walter J. Powers
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.

#3009

State of Montana ss.
County of Gallatin

Filed October 5, 1971

at 11:30 o'clock A.M.

by Carl L. Stucky
County Clerk & Recorder

By Paul A. Bridges
Deputy

Fee \$ 2.00

File 17

T 1N R 4E

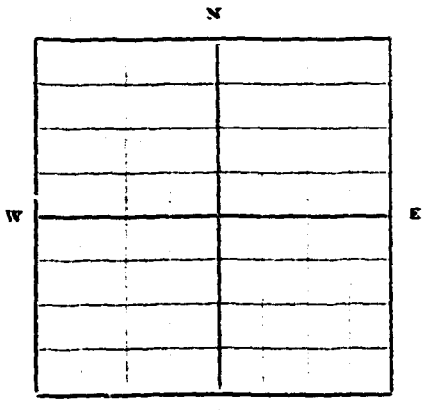
DUPLICATE

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, HARLAN P. SMITH 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:



See Exhibit "A" attached
SW 1/4 NE Sec. 20, T1N, R4E
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Irrigation of crop lands
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1 July 1961 - continuous since then, from 1 May to 1 October of each year
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 165 miner's inches per minute or 1850 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 N1/2E1, S1/2E1, SW1/4, Sec. 17, N1/2E1 and NW1/4 Sec 20, T1N, R4E, approx. 400 acres, Harlan P. Smith
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 20 H.P., 3 phase, 440 volt, 1760 RPM, electric pump NE1/4 Sec. 20, T1N, R4E, N.P.M., Gallatin County, Montana.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater January 30, 1960, completed February 20, 1961.
8. The depth of water table Static water 5' from top of casing at depth of 59', pump 1850 gallons per minute, water encountered at bottom of well at depth of 83'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Depth of well is 83 feet, with 75 feet of 1 1/2 inch steel casing. Well drilled by Bert VanDyken of VanDyken Drilling Co., Bozeman, Montana
10. The estimated amount of groundwater withdrawn each year 500 million gallons
11. The log of formations encountered in the drilling of each well if available First 8' - top soil and clay
8' to 83' - coarse sand, gravel, small boulders, water.
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

Prepared by:
Horkan & Berg
Attorneys at Law
1st Nat'l Bank Bldg.
Bozeman, Montana

Signature of Owner

Date March 23, 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.

439

State of Montana) ss.
County of Gallatin)

Filed Mar 23 1905
at 305 o'clock P.

Clark
COUNTY CLERK

By J. T. Morrow
DEPUTY

Fee \$ _____

IN 4E



File No. _____

T. 1 N R 4 E

DUPLICATE

County Gallatin

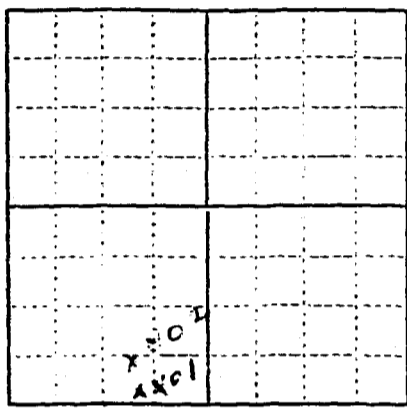
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, _____ of _____
(Name of Appropriator) (Address) (Town)

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



E 1/4 SW 1/4 Sec. 21 T. 1 N R. 4 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 Home Use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Since 1950
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) _____
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof _____
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand Pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater _____
- 8. The depth of water table _____
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater _____
- 10. The estimated amount of groundwater withdrawn each year _____
- 11. The log of formations encountered in the drilling of each well if available _____
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner _____

Date _____

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

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

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

#1190

State of Montana ss.
County of Gallatin
Filed December 30, 1963
at 9:08 o'clock A.M.
EARL WALTON
By Theresa Fiddes
Fee \$ 2.00

File No. _____

T. 1N R. 4E 21

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 4 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner VanderArk
Margaret A. VanderArk Address Route 1, Belgrade

Driller Harold Hulbert Address 17th Avenue, Trout

Date of Notice of Appropriation of Groundwater _____

Date well started Aug 28, 1964 Date Completed Aug 31, 1964

Type of well Drilled Equipment Used Churn
(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.

Top of Ground
(Elev. above sea level _____)

0-1 Soil
1-13 Soil and Sand water
13-21 Clay & Rock
21-22 Sand & water
22-25 "
25-28 Clay
28-30 gravel & water coarse
30 bottom of well

Size of Drilled Hole: 7
Size and Weight of Casing: 6 5/8 O.D., 19 lb
From (Feet): 2 above ground
To (Feet): 28'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7	6 5/8 O.D. 19 lb	2 above ground	28'	None		

W 1/2 Sec. 21 T. 1N R. 4E
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..... 1feet.

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

Pumping Water Level..... 4feet at 80 gal. per minute.

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

How Tested pump Length of Test 4 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

None

47
Driller's License Number

Harold B. Hulbert
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.

38434

#1869

State of Montana }
County of Gallatin } ss.

Filed Sept. 3 1964

at 12:20 o'clock P. M.

EARL WALTON

COUNTY CLERK / RECORDER

By *Frederic A. Maxwell*

DEPUTY

Fee \$ 2.00 pd

File No. _____

T. _____ R. _____

DUPLICATE

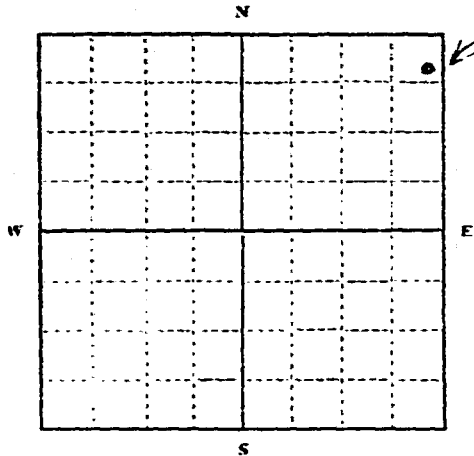
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Clyde E Anderson, of Route 1 Box 284-H Bozeman
(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 NE Sec. 22 T. 1. R. 4

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

- 2. The beneficial use on which the claim is based Domestic stock & household
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Drilled June 1943. Well has been in use since drilled in 1943
- 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 None
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Household pump west side of house

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Exact date not known just June of 1943
- 8. The depth of water table It varies from 5 feet 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 Type & size not known. The depth is forty (40) feet.
- 10. The estimated amount of groundwater withdrawn each year 150,000 gallons
- 11. The log of formations encountered in the drilling of each well if available Not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Clyde E Anderson

Date December 31 1963

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

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

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

1554

Dec-31

11.36

a.

~~Jan 1~~

~~Jan~~

~~Jan 1~~

GW 3

File No. _____

DUPLICATE

T. _____ R. _____

County _____

RECEIVED
DEC 12 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater water right since 1864

Owner Theodore R. Cape Address RT 1 Belgrade

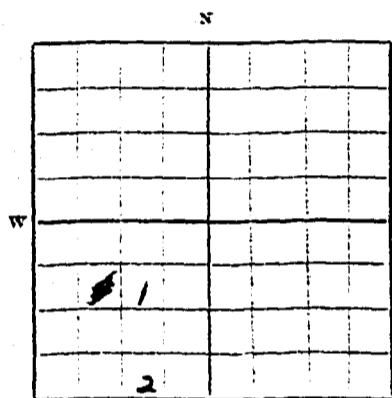
Contractor (if any) none

Address of Contractor _____

Date Started natural Date Completed natural

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

water when applicable. Natural springs, located in county near Belgrade. 1250 ft. to line of sec. 22 T. 1 N. R. 4 E. + 2750 ft. E. of W. line of sec. 22. sec. 23 T. 1 N. R. 4 E. near S. line.



Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermit-

tent estimate approximate lengths of periods of use Spring are used in irrigation and livestock water the year around.

SW 1/4 Sec. 22 T. 1 N. R. 4 E

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

Signature of Owner Theodore R. Cape

Date Dec 12, 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.

847

State of Montana | ss.
County of Gallatin |
Filed Dec 10, 1963
at 2:25 o'clock P. M.
Carl H. Haines
COUNTY CLERK & RECORDER
By [Signature]
DEPUTY
Fee \$ 2.00

File No. _____

T. R. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 12 1963

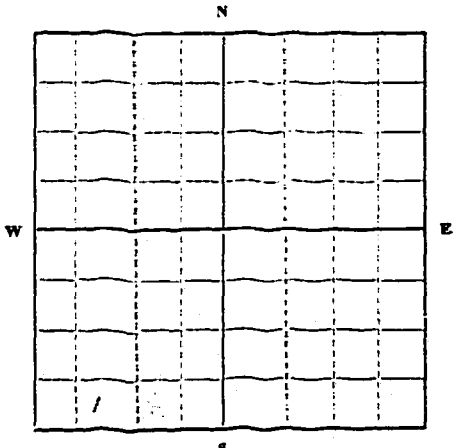
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Theodore R. D. Margurite Cope of P.O. 1 Pollock Belgrade
(Name of Appropriator) (Address) (Town)

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



Sec. 1/4 Sec. 22 T. 1 N. R. 4 E.

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

- 2. The beneficial use on which the claim is based Domestic Live Stock Irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been approximate 1941 steady
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 70 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 mountain area on which I own some stock
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pond

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater around 1962
- 8. The depth of water table varies from 1 ft. to 4 ft.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater one record one
- 10. The estimated amount of groundwater withdrawn each year don't know
- 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 don't know

Signature of Owner Theodore R. Cope
Date Dec 10, 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.

7654

246

State of Montana 95.
County of Gallatin
Filed Nov 16 1967
at 2:27 o'clock P.M.
—File in 100000
COUNTY CLERK & RECORDER
E. [Signature]
DEPUTY
Fee \$ 7.00

File No. _____

T 1N R 4E

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)

KATHERINE HILLER

BY CLARK L. SPAIN

of R. #3,

Bozeman

(Name of Appropriator)

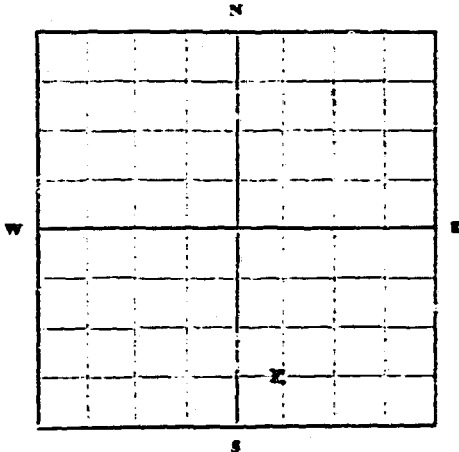
(Address)

(Town)

County of Gallatin

State of Montana

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



1/4 Sec. 24 T 1N R 4E

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

2. The beneficial use on which the claim is based 3 wells for domestic use, stock water, yard and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1 - approximately 40 years old - continuous
1 - approximately 20 years old - continuous
1 - approximately 15 years old - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute 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
Approximately 2 acres in and about the building site situate in the southeast corner of the southwest quarter of Section 24, T1N, R4E, M.P.M.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
All three wells are drilled with electric motors and pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater As above indicated in answer 3.

8. The depth of water table approximately 6 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater These wells are approximately 30 feet deep with a six inch casing and 2 inch galvanized inner pipe.

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

11. The log of formations encountered in the drilling of each well if available 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 Undersigned is the tenant on the above-mentioned Hiller ranches and makes this declaration on behalf of Katherine Hiller, the owner, as an appurtenance thereto and not as an individual or personal right.

Signature of Owner [Signature]

Date December 30, 1963

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

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

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

35902

1648

Dec 21 1963
1.56
CASH
FEB
Page 2

File No. _____

T. 1N R. 4E

26
Gallatin

DUPLICATE

County Gallatin

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Robert A. Prescott Address Bellevue, Mont

Driller Harold Hulbert Address Route 1 Bozeman

Date of Notice of appropriation of groundwater _____

Date well started Oct. 17, 1965 Date completed Oct. 19, 1965

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

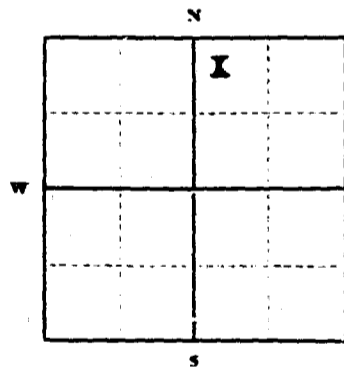
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Top of Ground
(Elev. above sea level _____)

0-3 soil
3-10 gravel
10-17 clay & rock
17-19 sand & water
19-20 sand & water
20-24 clay & rock
24-30 sand & water
30-32 sand & water
32-39 clay & gravel
39-40 clay & gravel
40-44 clay
44-46 sand, gravel
water
42ft. BOTTOM OF WELL

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	19 lb 6 5/8 O. D.	2 above	42			



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 12 feet

at 75 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Flow

Length of Test 6 hrs

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

NE 1/4 Sec 26 T 1N R 4E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

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.

17
Driller's License Number

Harold Hulbert
Driller's Signature

39776

STATE WATER CONSERVATION BOARD

NOV 9 1965

Bills _____
Butt _____
Coff _____
Dunham _____
Dickett _____
Mr. Dermott _____
Mr. J. _____
Mr. S. _____
Mr. T. _____

1948

State of Montana } ss.
County of Gallatin }

File Nov 8 1965

at 3:35 o'clock P M.

Carl L. Stucky
COUNTY CLERK & RECORDER

By [Signature]
DEPUTY

Fee \$ 35.00

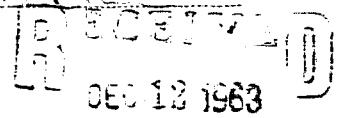
GW 3

File No. _____

DUPLICATE

T. 1 N. R. 4 E.

County _____



STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater vested in trust since 1864

Owner Theodore R. Cope Address Pt. 1, Belgrade

Contractor (if any) none

Address of Contractor none

Date Started natural Date Completed natural

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

water when applicable 100 ft. springs (N.W. 1/4 Sec 27

T. 1 N. R. 4 E. (containing) 1/4 section line on W. side of ditch in 27

+ N. 1/4 section line E. side Sec 27, there is ditch

used to run a casing on side on each side of

monitor. It is used to monitor owners and to

bring water to the surface.

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 this

water is used for irrigation with

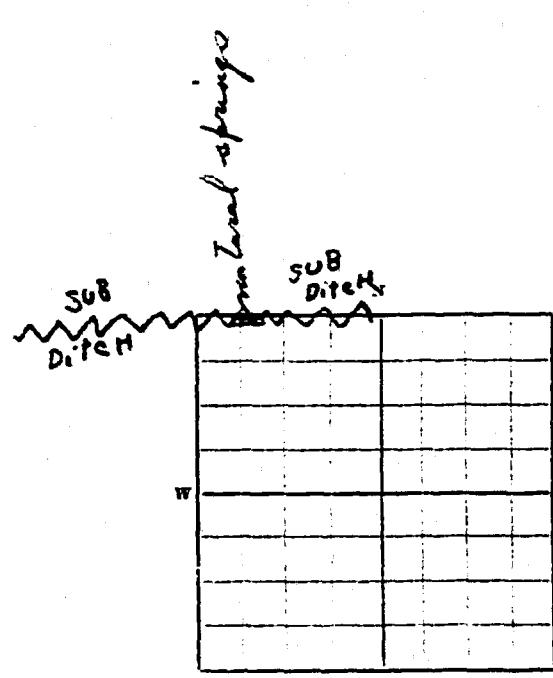
the water from the 1/4 section line on W. side of ditch

and the water from the 1/4 section line on E. side of ditch

for both livestock and irrigation purposes.

Signature of Owner Theodore R. Cope

Date 12/12/63



1/4 Sec. 27 T. 1 N. R. 4 E

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

Handwritten initials 'TC'

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.

845

State of Montana |
County of Gallatin | ss.

Filed Dec. 10 1963

at 2:20 o'clock P. M.

Earl Hutto
COUNTY CLERK & RECORDER

By [Signature]
DEPUTY

Fee \$ 2.00

File No. _____

T 1 N R 4 E

DUPLICATE

County Hallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

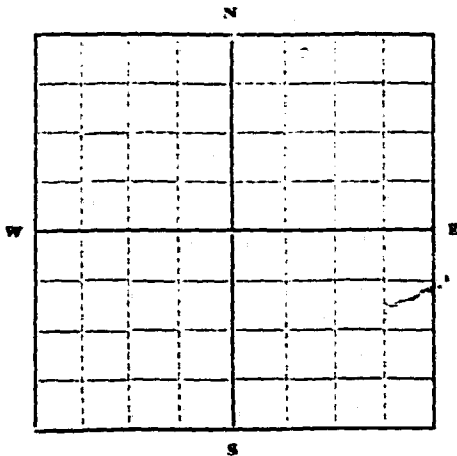
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Daniel L. Henderson of Route 1 Edgemoor
(Name of Appropriator) (Address) (Town)

County of Hallatin State of Montana

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



AC 1/4 Sec. 27 T. 1 N. R. 4 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 for the use of stock and house
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1, 1958
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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 see to the east of well
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1958
8. The depth of water table 5 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 4 inch casing 10 ft deep
10. The estimated amount of groundwater withdrawn each year 200,000 gallons
11. The log of formations encountered in the drilling of each well if available see log
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner Daniel L. Henderson

Date Dec 29, 1962

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

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

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

574

State of Indiana
County of Union

Filed Dec 28 1932

at 12 33 o'clock P.M.

Carl Walker
COUNTY CLERK & RECORDER

By John J. Morrow

DEPUTY

Fee \$ 2.40

File No.

T 1N R 4E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 20 1963
STATE ENGINEER

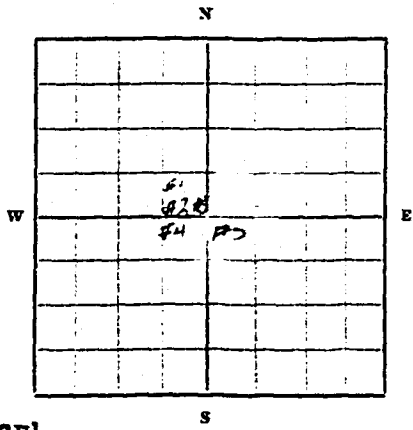
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

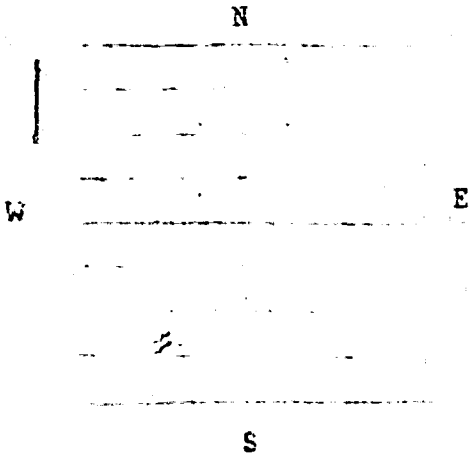
Frank Barnes,
Delbert E. Barnes, and
Neil Barnes

1. _____ of R.F.D. _____ 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
E 1/2 NW 1/4 Sec. 28, T1N, R4E



SW 1/4 of Section 33, Township 1 North,
Range 4 East.

- 2. The beneficial use on which the claim is based All wells for stock water and garden irrigation.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been #1-before 1900; #2-before 1900; #3-before 1900; #4-before 1900; #5-before 1900; #6-Dug in 1950.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) All-1,000 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 Stock water and garden irrigation.

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

of the construction of the well, wells, or other works for with-
h 5-before 1900; No. 6 dug in 1950.

gh 6-from 30 to 65 feet.

and depth of each well or the general specifications of any
ater No. 1-65 feet-6 in. casing; #2-35 feet-
n. casing; #4-50 feet, 6 in. casing;
-60 feet, 6 in. casing.

10. The estimated amount of groundwater withdrawn each year Nos. 1 through 6-2,500,000

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 Frank Barnes

Date July 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 Quaduplicate for the Appropriator.

RECEIVED
JUL 19 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Frank Barnes,
Delbert E. Barnes, and
Neil Barnes

1. _____ of R.F.D., _____ Belgrade
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana

appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as fol-

2. The beneficial use on which the claim is based All wells for stock water and garden irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been #1-before 1900; #2-before 1900; #3-before 1900; #4-before 1900; #5-before 1900; #6-Dug in 1950.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) All-1,000 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 Stock water and garden irrigation.

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

The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Nos. 1 through 5-before 1900; No. 6 dug in 1950.

8. The depth of water table Nos. 1 through 6-from 30 to 65 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater No. 1-65 feet, 6 in. casing; #2-35 feet, 6 in. casing; #3-40 feet, 6 in. casing; #4-50 feet, 6 in. casing; #5-60 feet, 6 in. casing; #6-60 feet, 6 in. casing.
10. The estimated amount of groundwater withdrawn each year Nos. 1 through 6-2,500,000
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 Frank Barnes

Date July 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.

672

State of Montana }
County of ~~Blaine~~ ^{Blaine} }

Filed July 19 1963

at 12 40 o'clock P.

Carl Walton

COUNTY CLERK & REC'D

By John J. Morrow

DEPUTY

200 Pk.

Morrow & Nash

File No. _____

T. 11 N. R. 1 E

DUPLICATE

County Callatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

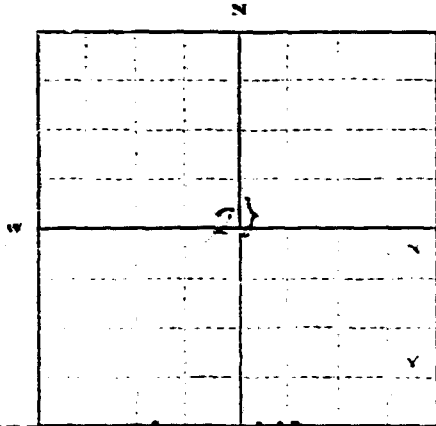
DEC 27 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Robert Clowes McClelland of Rt 1, Box 11, Manhattan

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



runs once in a mile.

1/4 SE Sec 21 T. 11 N. R. 1 E

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

- The beneficial use on which the claim is based House, stock, and irrigation.
- Date or approximate date of earliest beneficial use; and how continuous the use has been House well was used all the time since 1953. Open pit was used each year since 1949. The well in the coralls was used as far back as anyone can tell on the old well (used per minute) 100 inches. The house well runs all the time. Corall well runs most of the time. The old well runs about 100 gpm.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
We will use the open pit well to irrigate 163 acres. The house well will irrigate about 5 acres. Owner is Robert Clowes McClelland.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Open pit well water is withdrawn with any irrigation pump we can get. The other wells have the usual electric, water systems.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater House well was drilled about 1953. Open pit was dug around 1949. The other wells are so old know-one knows when they were made.
- The depth of water table 5 to 10 Feet
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater The open pit well runs down about 15 feet. The house well is 24 feet. The others are unknown.
- The estimated amount of groundwater withdrawn each year We estimate we will use the open pit well to irrigate 163 acres.
- The log or formation encountered in the drilling of each well if available The open pit well has a coarse uneven gravel wall. The others are unknown.
- 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 The open pit has been used for irrigation and we plan to use it to irrigate the whole ranch.

Signature of Owner Robert Clowes McClelland

Date Dec 27 1963

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

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

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

File No.

T 17 R 4E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1962

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

5' Top of Ground
Rock & Part alluvial material
(Elev. above sea level.....)
Encountered water at 8'
28' gravel Rock & Sand
30' gravel & clay
bottom of well

Owner Lloyd E. Stites, et al. Address Belgrade, Mont.

Driller Harold B. Hulbert Address Route 1, Belgrade, Mont.

Date of Notice of Appropriation of Groundwater.....

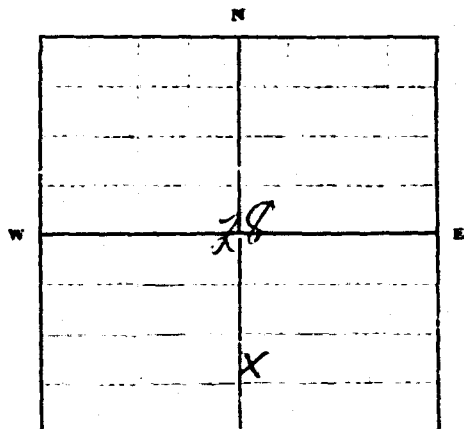
Date well started Aug. 10, 1962 Date Completed Aug 12, 1962

Type of well Drilled Equipment Used Churn
(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)
7"	6 5/8" OD 14 lb	0	30	none		



SW 1/4 SE Sec. 28 T17N R4E
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... 5' feet.

Shut-in Pressure for Flowing Well... —

Pumping Water Level... 6 feet at 30 gal. per minute.

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

How Tested Bailor Length of Test 2 hr

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

none

47
Driller's License Number

Harold B. Hulbert
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.

1043

State of Montana ss.
County of Gallatin
Filed Dec 26 1963
at 1:35 o'clock P. M.
Carl Walton
COUNTY CLERK & RECORDER
By [Signature]
DEPUTY
Fee \$ 20.00

898

State of Montana / ss.
County of Gallatin /

Filed December 18, 1963

at 11:30 o'clock A. M.

EARL WALTON

COUNTY CLERK & RECORDER

By Luella A. Majewski

DEPUTY

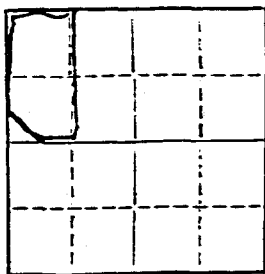
Fee \$ 2.00 pd

T 1 N R 4 E

County Galletin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner A. Parker Stone Address Belgrade, Montana

Driller Van Dyken Drilling Co. Address Bozeman, Montana

Date Started About June 20, 1957 Date Completed July 25, 1957

Location: Sec. 28 T 1 N R 4 E 1/4 sec. NE 1/4

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

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

Casing: Surface ft. to 60 ft. Type Steel Size 13 in. OD

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

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

Perforated or Screened: Ft. 5 1/2 to ft. 60 Ft. _____ to ft. _____

Type of screen or perforations 3/8 in. by 2 ft. slots

Static Water level, for non-flowing well: 3 ft. 2 inches feet

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

Pumping water level 7 ft. 9 in feet at 900 gal. per min

How tested: With 3 stage, 6 in. turbine pump

Length of test About 8 hours

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

The pump used to test and develop this well was a three stage, deep well, turbine pump and could not be run fast enough to deliver the amount of water the well is capable of producing. The Geological Survey Bureau and the well driller estimate that this well, using the right pump, will deliver in excess of 2000 gal. per minute.

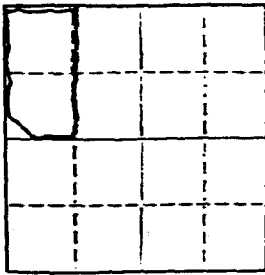
(over)

T 1 N R 4 E

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner A. Parker Stone Address Belgrade, Montana

Driller A. Parker Stone Address _____

Date Started April 1937 Date Completed April 1937

Location: Sec. 28 T 1 N R 4 E 1/4 sec. W 1/4 of the NE 1/4

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: Corral well for stock

Casing: Surface ft. to 10 ft. Type Rock masonry Size 3 1/2 ft. in diameter

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: 3 ft. 2 in. feet.

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

Pumping water level 4 ft. 2 in. feet at 50 gal per min.

How tested: _____

Length of test _____

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

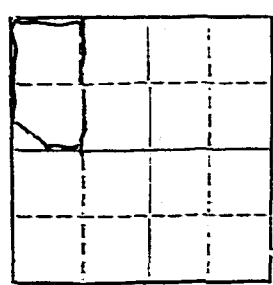
(over)

28

T 1 E R 4 E
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner A. Parker Stone Address Belgrade, Montana
Driller Chas. T. White (deceased) Address Manhattan, Montana
Date Started Sept. 1921 Date Completed Sept. 1921
Location: Sec. 28 T 1 E R 4 E $\frac{1}{4}$ sec. NE of the NE

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

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

Casing: Surface ft. to 20 ft. Type Steel Size 4 inches

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: 3 Ft. 2 inches feet.

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

Pumping water level About 4 feet at about 35 gal. per min.

How tested: _____

Length of test: _____

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

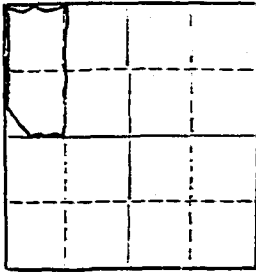
(over)

28

T 1N R 4E
 County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
 Butte, Montana

WATER WELL LOG



Owner A. Parker Stone Address Belgrade, Montana
 Driller A. Parker Stone Address _____
 Date Started April 1942 Date Completed April 1942
 Location: Sec. 28 T 1 N R 4 E $\frac{1}{4}$ sec. W $\frac{1}{2}$ of the NW $\frac{1}{4}$

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

Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other: Irrigation of garden

Casing: Surface ft. to 8 ft. Type wood Size 5 ft. by 2 $\frac{1}{2}$
 Casing: _____ ft. to _____ ft. Type _____ Size _____
 Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____
 Type of screen or perforations _____

Static Water level, for non-flowing well: 3 ft. 2 in. feet.

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

Pumping water level 4 ft. 2 in. feet at 175 gal. per min.

How tested: With 2 in. centrifical pump

Length of test 12 hours

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

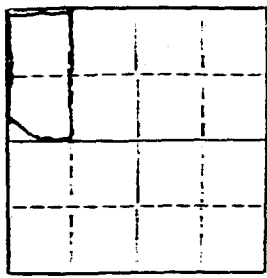
(over)

28

T 1 N R 4 E
County Galletti

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner A. Parker Stone Address Belgrade, Montana
Driller A. Parker Stone Address _____
Date Started April 1922 Date Completed April 1922
Location: Sec. 28 T 1 N R 4 E $\frac{1}{4}$ sec. W $\frac{1}{2}$ of the NE $\frac{1}{4}$

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other: Barn well for stock

Casing: Surface ft. to 10 $\frac{1}{2}$ ft. Type Steel Size 4 ft. in diameter

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: 3 ft. 2 in. feet.

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

Pumping water level 4 ft. 2 in. feet at _____ 50 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. 4E

DUPLICATE

County _____

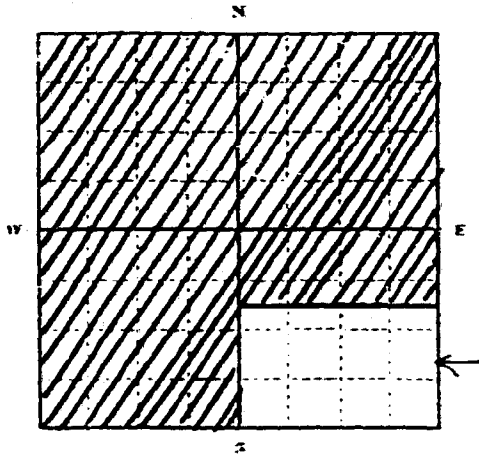
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ELMER ALLSOP of 1207 N. College Bozeman
(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:



1/4 Sec. 29 1N R4E

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 sub-irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1938 — continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) that quantity of water in the aquifer necessary to provide moisture for desirable plant growth

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 South 100 acres of the Sec. 29, Township 1 N., Range 4 E.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal not applicable

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 Jan. 2' to 8', Feb. 2' to 8', March 2' to 8', April 1 1/2' to 6', May 1' to 5', June 0' to 3', July 0' to 3', Aug. 0' to 3', Sept. 1' to 3 1/2', Oct. 1 1/2' to 5', Nov. 1 1/2' to 6', Dec. 2' to 7'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater not applicable

10. The estimated amount of groundwater withdrawn each year not applicable

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 not applicable

Signature of Owner _____

Date 12/30/63

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

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

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

1387

State of Illinois
County of Cook
12-30
3:22 P
James P. Miller
J.P.

File No. _____

T. 1N R. 4E

DUPLICATE

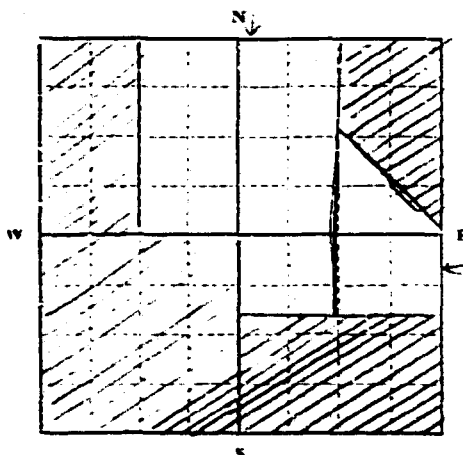
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, R. A. ALLSOP of Rt. 1 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:



$\frac{1}{4}$ Sec. 29 T.1N R. 4E

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 sub-irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1938 --continuous since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) that quantity of water in the aquifer necessary to provide moisture for desirable plant growth
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 $\frac{1}{2}$ NW $\frac{1}{4}$ and the $\frac{1}{2}$ NE $\frac{1}{4}$, the North 60 acres of SE $\frac{1}{4}$, part of SE $\frac{1}{4}$ lying S and W. of the N. 2. Railway, Sec. 29, T1N, R4E
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal not applicable
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not applicable
Jan. 2' to 8', Feb. 2x 2' to 8', March 2' to 8', April 1 $\frac{1}{2}$ ' to 5', May
8. The depth of water table 1' to 5', June 0' to 3', July 0' to 3', Aug. 0' to 3', sept. 1' to 3 $\frac{1}{2}$ ', Oct. 1 $\frac{1}{2}$ ' to 5', Nov. 1 $\frac{1}{2}$ ' to 5', December 2' to 7'.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater not applicable
10. The estimated amount of groundwater withdrawn each year not applicable
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. not applicable

Signature of Owner _____

Date December 30, 1963

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

Please answer all questions. If not applicable, so state. This 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 Administrator

1386

City of Columbia, SE
Date 12-30 1953
at 3:21 P.M.
Theresa Fiddis
Fee \$ 2.00

Form No. 18
8-60

29

T. 1N R. 4E
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

Water well log

STATE ENGINEER

X	19

Owner Ray Allcup Address Bellevue
Driller _____ Address _____
Date Started _____ Date Completed 1945
Location: Sec. 29 T. 1N R. 4E $\frac{1}{4}$ sec. 15 14 11 14

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 10 ft. Type Steel Size 1 1/4

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

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

Perforated or screened: Ft. 10 to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations none

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

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

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

How tested: 100 ft test

Length of test _____

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

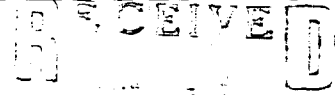
(over)

Form No. 18
3-60

29

T. 1 N R. 4 E
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana



STATE ENGINEER

Water well log

x	29	

Owner Roy Allsop Address Belgrade
Driller _____ Address _____
Date Started _____ Date Completed 1941
Location: Sec. 29 T. 1 N R. 4 E $\frac{1}{4}$ sec. SE 1/4 NW 1/4

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 10 1/2 ft. Type Tile Size 8 inch

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

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

Perforated or screened: Ft. 100 to ft. _____ . Ft. _____ to ft. _____

Type of screen or perforations None

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

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

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

How tested: not tested

Length of test _____

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

(over)

Form No. 18
8-60

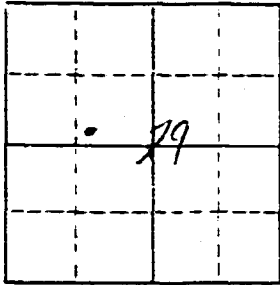
29

T. 1N R. 4E
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

Water well log



STATE ENGINEER

Owner Ray A. Coop Address Bozeman

Driller Lee Ryben Address _____

Date Started _____ Date Completed 1938

Location: Sec. 29 T. 1N R. 4E $\frac{1}{4}$ sec. SE 1/4 111E 1/4

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 31 ft. Type steel Size 4 inch

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

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

Perforated or screened: Ft. 110 to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations none

Static water level, for non-flowing well: 46 feet.

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

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

How tested: seal tested

Length of test _____

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

(over)

