

#3332

State of Montana }  
County of Gallatin } ss.  
Filed June 29, 1973  
at 9:40 o'clock A.M.  
Carl L. Stricker  
County Clerk & Recorder  
By Frederick A. Bridge  
Deputy  
Fee \$ 2.00

County. Callatin

19

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CONTROL  
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 Frances Parker

**Address**

Hollow Creek, Montana

Date well started ... 1916.

completed ....1916

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used **Churn..drill**

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

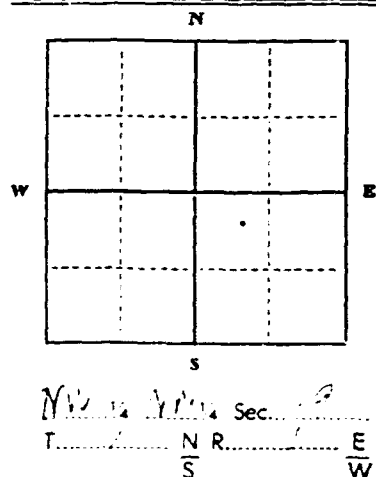
Industrial ☐ Drainage ☐ Other ☒\* Garden/Lawn ☒

\*Describe swimming pool

**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)
4	1					



Static water level **sixteen**.....ft.\*  
Pumping water level .....ft.\*  
at **100**.....gallons , er minute,  
measured .....minutes after pumping  
began.

\*Measured from ground level.

Well developed by ...  
for 6 hours.

Power 6.5 Pump        HPI       

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

Gravel - 2000

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Driller's Address

LICENSE NO. \_\_\_\_\_

## 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)

[illegible]

Show exact depth of bottom

#3331

State of Montana )  
County of Gallatin ) SS.  
Filed June 29 19 73  
at 9:35 o'clock A.M.  
Capt L. Stucke  
County Clerk & Recorder  
By Heule A. Bridge  
Deputy  
Fee \$ 2.00

T I N R I E

County, **Gallatin**

JUN 18 1964

(Under Chapter 237, Montana Session Laws, 1961)

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.....  
**Domestic use**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1958 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 gallons per minute

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

**Not used for irrigation**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1958

8. The depth of water table.....**approximately 23 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. **depth - 58 feet**

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

11. The log of formations encountered in the drilling of each well if available.			
Rock & gravel	6' Thickness		clay & gravel 3' Thickness 59' Depth
mud & sand	14' "	20' Depth of Bottom	coarse gravel & sand 3' Thickness
gravel & rock	12' "	32' "	62' Depth
clay (yellow)	18' "	48, 50' "	
clay & sand	6' "	56' "	

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: Lucy B. Buick  
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.

1272

State of Montana )  
County of Gallatin ) ss.

Filed 12-30, 1963

at 11:18 o'clock 9 M.

Carl Patton

COUNTY CLERK & RECORDER

By ES

DEPUTY

Fee \$ 2.00

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

T. 1N R. 1E

DUPLICATE

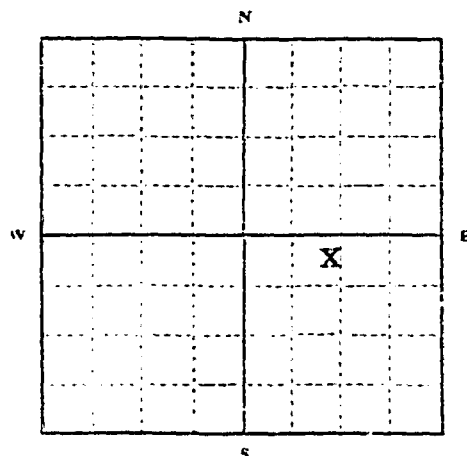
County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. LUCY B. REICH of Willow Creek  
(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:



N 1/4

SE 1/4 Sec. 19 T1N R1E

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 1917 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1917
8. The depth of water table approximately 23 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 40 feet - depth of well
10. The estimated amount of groundwater withdrawn each year 1 1/2 million gallons
11. The log of formations encountered in the drilling of each well if available  
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

Lucy B. ReichDate 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.

33409

1270

12-30

11.16

11.16

11.16

11.16

File No. ....

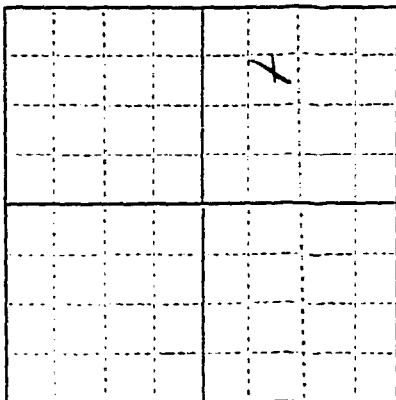
DUPLICATE

T. 1 N. R. 1 E  
County GallatinSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. E. L. Wiley of Willow Creek  
 (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. 19 T. 1 N. R. 1 E

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

2. The beneficial use on which the claim is based  
Water well for domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1917
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gals per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Lot 10, Block 5
7. The date of commencement and completion of the construction of the well, well, or other works for withdrawal of groundwater  
Completed in 1917
8. The depth of water table 10 feet ~~once 68 feet deep~~
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  
68 feet deep  
6" casing
10. The estimated amount of groundwater withdrawn each year 40,000 gals
11. The log of formations encountered in the drilling of each well if available  
No record
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
No record

Signature of Owner

E. L. Wiley  
Date 12/31/63

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

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

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

35779



1465

Dec 31 - 63  
9.37

Jan 1, 1964

500

500

File No.....

~~CONFIDENTIAL~~

T. I. N. R. I. E. T. acres

County. Gallatin

STATE OF MONTANA

ADMINISTRATOR OF CROUWATER CODE

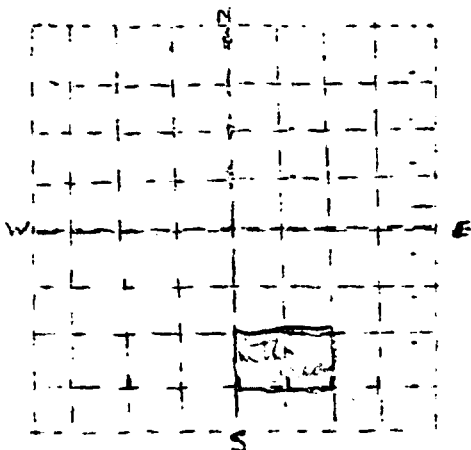
OFFICE OF STATE ENGINEER

STATE ENGINEER

DECLARATION OF VESTED CROUWATER RIGHTS

(Under Chapter 23, Montana Session Laws, 1961)

1. Elma Woodside, of Box 103 Willow Creek, Montana, 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. 19 T. I. N. R. I. 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, lawn, flower, some garden, also livestock.

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

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. Tract 3 being 7 acres in N. 2 S. W. 4 SE 1/4 (Elma Woodside).

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. By shallow wells. Piston pumps in the basement.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Mar. 1, 1927. The well was started and completed Mar. 15, 1927.

8. The depth of water table. approx. 15 ft.

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

10. The estimated amount of groundwater withdrawn each year. We use water approximately 1/2 to 1 a day depending on the need. We have always had plenty of water.

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. Deed is recorded in Book 18 of Deeds Page 227.

Signature of Owner. Elma Woodside.

Date. Jan. 10, 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 Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator.

32160

Callahan County, )  
State of Montana ) ss.

Filed Sept 10 1964

at 2:00 o'clock P.M.  
Callahan  
COUNTY CLERK & RECORDER

By \_\_\_\_\_ DEPUTY

For 2000

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

T. 14 N. R. 1 E

DUPLICATE

County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

1963

Top of Ground

(Elev. above sea level \_\_\_\_\_)

## Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0' - 6' Sandy clays

6' - 15' Sand and gravels. (dry)

15' - 30' Yellow clays.

30' - 44' sandy clays, (water)

44' - 46' Coarse sands.

T.D. 46'

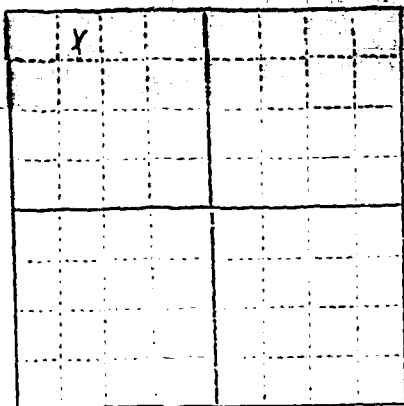
Owner James P. Elmore Address Three Forks, Mont.Driller Van Dyken Drilling Co. Address Boxeman, Mont.Date of Notice of Appropriation of Groundwater noneDate well started July 26/63 Date Completed July 28/63

Type of well Drilled Equipment Used Cable tools  
(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)
5/8"	6 5/8"	0	43	none		
	17# P.E.					



NW 1/4 Sec. 23 T. 14 N. R. 1 E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 30 feet.Shut-in Pressure for Flowing Well nonePumping Water Level 38 feet at 20 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested Sailer Length of Test 1 Hr.

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

X James P. Elmore

License No. I

Driller's License Number

James P. Elmore  
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.

6147

#708

State of Montana } ss.  
County of Gallatin }

Filed September 30, 1963  
at 8:15 o'clock A M.

EARL WALTON  
COUNTY CLERK & RECORDER  
By Luella A. Majumdar  
DEPUTY

Fee \$ 2.00 pd.

24

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

T. 1N R. 1E

DUPLICATE

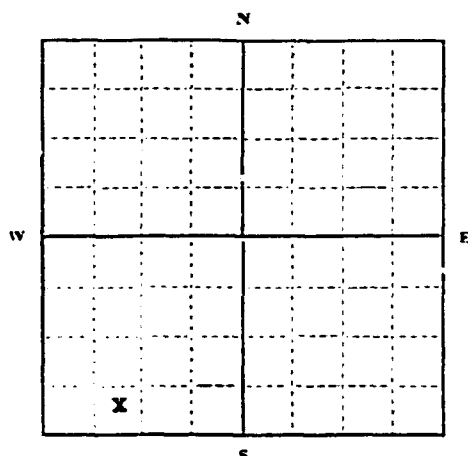
County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. LUCY B. REICH of Willow Creek  
(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:



SW  $\frac{1}{4}$  Sec. 24 T. 1N R. 1E

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 1910 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1910
8. The depth of water table approximately 30 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 225 feet
10. The estimated amount of groundwater withdrawn each year 1/2 million 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

*Lucy B. Reich*

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

33406

1267

City of Windsor  
County of Saline

Filed 12-30, 1963

at 11:13 o'clock A. M.

Earl H. Hester

COUNTY CLERK & RECORDER

By [Signature]

DEPUTY

Fee \$ 200

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

T 1 N R 1 E

DUPLICATE

County Gallatin

## LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1962

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

Top of Ground

(Elev. above sea level \_\_\_\_\_)

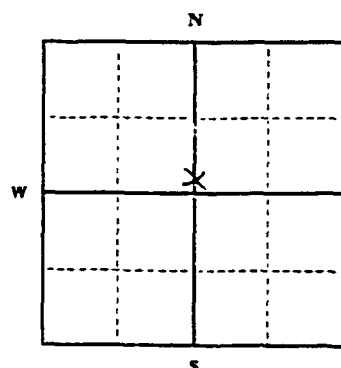
0 - 21 ft.  
Topsoils21 - 30 feet  
Sandstone30 - 68 ft.  
Bentonite Bearing Clay68 - 86 ft.  
Sandstone (Gray)86 - 90 ft.  
Dark Brown Sandstone90 - 108 ft.  
Bentonite Bearing Clay108 - 145  
Greenish Clay147 feet  
Static Water Level145 - 162 ft.  
Sandstone162 - 174 ft.  
Green Sand174 - 195 ft.  
Greenish Clay195 - 200 ft.  
Blue ShaleOwner Lane Brothers Address Willow Creek, MontanaDriller Potts Drilling and Dev. Address R.R. #1, Bozeman, Mont.

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started June 25, 1970 Date completed July 8, 1970Type of well drilled Equipment used Cable Tool  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6" 19# 280 Wall	+2	209			

Static Water Level for non-flowing well  
147 feet.Shut-in Pressure for Flowing Well \_\_\_\_\_  
Pumping Water Level 185 feet  
at 30 gal. per minute.

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

How Tested BailerLength of Test 2 hours

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

Sec. No. 2299

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

This 4 day of AugustA. D. 19 70, at 4:15o'clock P.M.N 1/2  
Sec. 22 T. 1 N. R. 1 E  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

150

Driller's License Number

Driller's Signature

47310

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.

Show exact depth of bottom.



2299

State of Montana } ss.  
County of Gallatin  
Filed August 4, 1970  
at 4:15 o'clock PM.  
Carl L. Stucky  
County Clerk & Recorder  
By Betty Rose Grigg  
Deputy  
Fee \$ 2.00

27

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

T. 1N R. 1E

DUPLICATE

County Gallatin

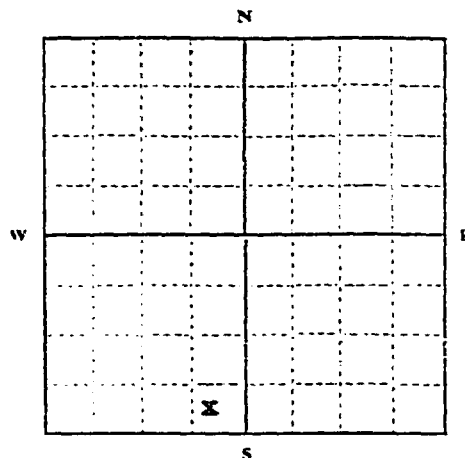
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1961

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. LUCY B. REICH of Willow Creek  
(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  $\frac{1}{4}$   
SW  $\frac{1}{4}$  Sec. 27 T. 1N R. 1E

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 approximately 1910 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1910
8. The depth of water table approximately 30 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 200 feet
10. The estimated amount of groundwater withdrawn each year 1/2 million 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

Lucy B. ReichDate December 30th, 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

33408

1269

State of Montana ss.  
County of Gallatin

Filed 12-30 1963

at 1-15-64 M.

Mark Wilson

COUNTY CLERK & RECORDER

By [Signature]

DEPUTY

FILED 20

File No. ....

T. 1N. R. 1E.

DUPLICATE

County Gallatin

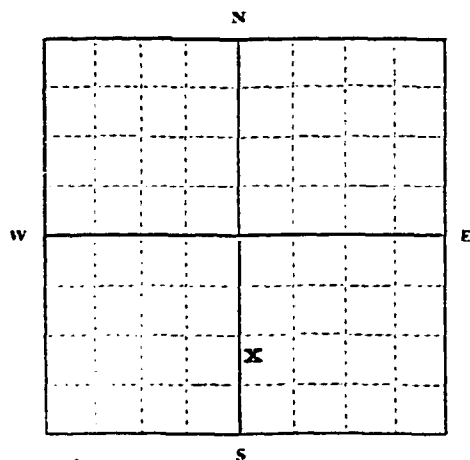
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. LUCY B. REICH of Willow Creek  
(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:



SW  $\frac{1}{4}$   
SE  $\frac{1}{4}$  Sec. 27 T. 1N. R. 1E

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 approximately 1910 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1910
8. The depth of water table approximately 30 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 200 feet
10. The estimated amount of groundwater withdrawn each year 1/2 million 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

*Lucy B Reich*

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.

33410

1271

State of Montana /  
County of Gallatin / SS.  
Filed 12-30, 1963  
at 11:18 o'clock A.M.  
Paul H. H. H.  
COUNTY CLERK & RECORDER  
By [Signature]  
For \$ 200 DEPUTY

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

T. 1N R. 1E

DUPLICATE

County Gallatin

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 June 1948Owner JAMES R. PETERSON Address Willow Creek, Mont.Contractor (if any) None

Address of Contractor \_\_\_\_\_

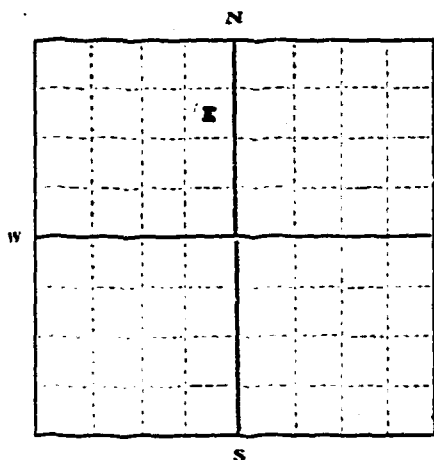
Date Started June 1948 Date Completed June 1948

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. large pit covering an acre, three feet deep in places with water (underground water), gravity ditch and dikes used to spread and control water.

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

estimate approximate lengths of periods of use used during

summer months only for irrigation and stockwater and sub-irrigate  
quantity varies but sufficient to irrigate ten acres  
and water 50 head of cattle.

Signature of Owner James R. PetersonDate Dec 27, 1963

N 1/4  
NW 1/4 Sec. 30 T. 1N R. 1E  
Indicate point of appropriation  
and place of use, if possible.

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.

#1110

State of Montana { ss.  
County of Gallatin {  
December 27  
Filed 3:33, 1963  
at EARL WELLS o'clock M.  
By Theresa F. Jones COUNTY CLERK & RECORDER  
2.00 DEPUTY  
Fee \$

Show exact depth of bottom



3309

State of Montana ss.  
County of Gallatin  
Filed June 28 1973  
At 10 25 o'clock A.M.  
W. C. [illegible]  
County Clerk & Recorder  
By Wm. M. Whitman  
Deputy  
Fee \$ 2.00

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

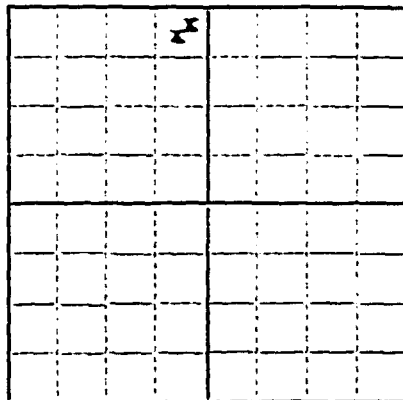
T. 1N R. 1E~~DUPLICATE~~County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, JAMES R. PETERSON of Box 185 Willow Creek  
(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. 30 T. 1N R. 1E

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

2. The beneficial use on which the claim is based household and stockwater.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been stock well - 1895  
Household 1916. Used each day as needed.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used for irrigation.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pumps mounted on wells.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater stock well sometime during the year 1895,  
household well sometime during the year 1916.
8. The depth of water table stock well - 16 feet, household well 30 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater stock well hand dug, 20 feet deep, lined with stone,  
household well drilled 65 feet deep, (4) four inch casing.
10. The estimated amount of groundwater withdrawn each year 21,000 gallons each well.
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 James R. PetersonDate 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.

33273

#1132

State of Montana / ss.  
County of Gallatin /  
December 27  
Filed 3:59, 1963  
at EARL WALTON M.  
*John R. Riddle*  
By 2:00 DEPUTY  
Fee \$

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

T. 1N R. 1E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

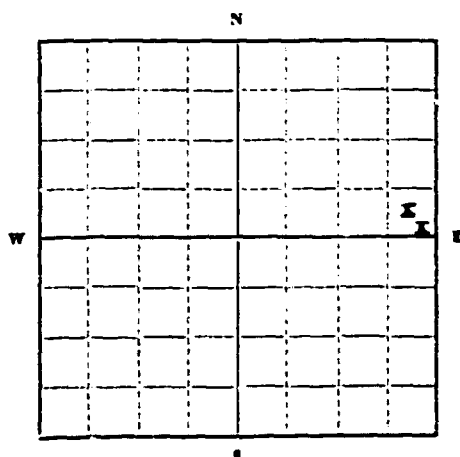
RECEIVED  
DEC 18 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. James R. Peterson of Box 185, Willow Creek  
 (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. 30 T. 1N R. 1E

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

2. The beneficial use on which the claim is based household and stock water.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been stock well - 1895  
Household 1916. Used each day as needed.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 Gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used for irrigation.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pumps mounted on wells.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. stock well sometime during the year 1895.  
household well sometime during the year 1916.
8. The depth of water table stock well - 16 feet, household well 30 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. stock well hand dug 20 feet deep, lined with stone.  
household well drilled 65 feet deep, 4 inch casing.
10. The estimated amount of groundwater withdrawn each year. 20,000 gallons each well.
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 \_\_\_\_\_

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.

# 891

State of Illinois  
County of Cook  
December 17,  
3:00 P.  
EARL WALTON

Wm. T. Morrow  
2.00 Pd.

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

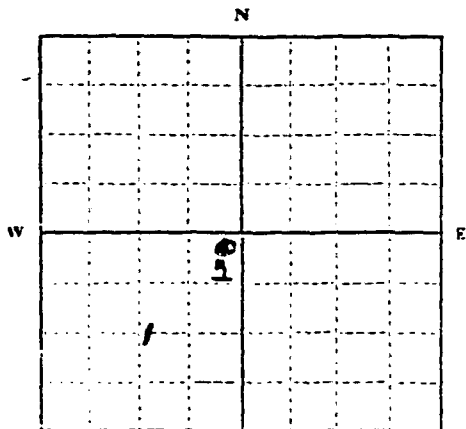
DUPLICATE

T. 1 N. R. 1 E  
County GallatinSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lyle R. Reichman, of Willow Creek, Mont.  
 (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:



5th 30' IN 1 E  
 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 for human use at houses
3. Date or approximate date of earliest beneficial use; and how continuous the use has been No. 1 - continuous use since 1949 -
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 miner 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 irrigating lawn
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No. 1 - 1949  
No. 2 - 1900
8. The depth of water table No. 1 well is 60 ft. - No 2 well - 15 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" in casing - 150 ft deep
10. The estimated amount of groundwater withdrawn each year No. 1 - 25,000 gal  
No. 2 - 65,000 gal
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 not applicable

Signature of Owner

Lyle R. Reichman  
 Date 12/31/63

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

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

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

36063

1749

State of Virginia  
County of Giles  
Filed Dec 31 1933  
at 3:56 P.M.  
Carl H. Lee  
By [Signature]  
The S. 2

Form No. 18  
8-60

30

T. North R. East  
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

Water Well Log


Owner James McIntosh Address Millwaukie  
Driller Ray Braton Address Belgrade  
Date Started Feb 26 1946 Date Completed March 3 1946  
Location: Sec. 30 T. 1N R. 1E  $\frac{1}{4}$  sec. SE  $\frac{1}{4}$  NW  $\frac{1}{4}$

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

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

Casing: 41 ft. to \_\_\_\_\_ ft. Type Black Iron Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 41 to ft. \_\_\_\_\_. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations 1/2"

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

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

Pumping water level 16 feet at 25 gal. per min.

How tested: not tested

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

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

(over)



## Log of Well

[illegible]

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana 3908

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

T. \_\_\_\_\_ R. \_\_\_\_\_

DUPLICATE

County Yellowstone

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 Prof. Ruth Miller Address Miller Creek Mont  
Driller Dorothy Lora Address Miller Creek Mont

Date of Notice of Appropriation of Groundwater \_\_\_\_\_

Date well started Dec 11-62 Date Completed Dec 16-62

Type of well Drilled Equipment Used Churn Drill  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) 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)
2 7/8"	6 1/2" 15 # 2 7/8 ft.	0	41'	-	-	-

Static Water Level for non-flowing Well 11 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 16 feet at 30 gal. per minute.

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

How Tested Pump Length of Test 5 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) \_\_\_\_\_

NE 1/4 Sec. 31 T. 1 N. R. 16 E. N  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

41'

# 24  
Driller's License Number

H. L. Lora  
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.

35926

1615-

State of Montana  
County of Gallatin  
Filed Dec - 31, 1963  
at 1235 o'clock P. M.  
W. A. G. G.  
COUNTY CLERK & RECORDER  
By W. A. G. G. DEPUTY  
Fee \$ 2.00

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

T. \_\_\_\_\_ R. \_\_\_\_\_

DUPLICATE

County \_\_\_\_\_

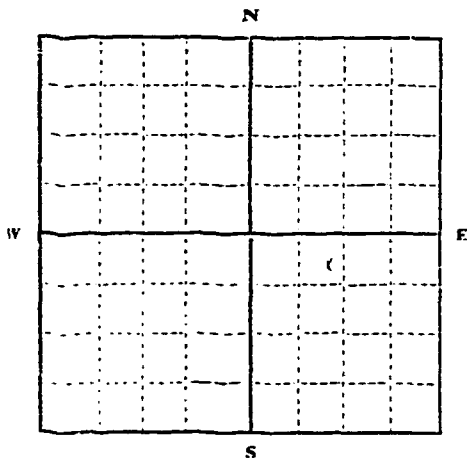
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Delbert R. Miller of Mill Creek, MT  
(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. 21 T. 14 R. 15  
Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Apr 15 - 1944

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 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 2.5 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 22 ft

10. The estimated amount of groundwater withdrawn each year 109,500 Gallons

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

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

Signature of Owner Delbert R. Miller

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.

35925

1611

State of Montana /  
County of Carbon

Filed Dec . 31

At 12,34 P

\_\_\_\_\_

AB

200

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

DUPLICATE

T. 1 N. R. 1 E

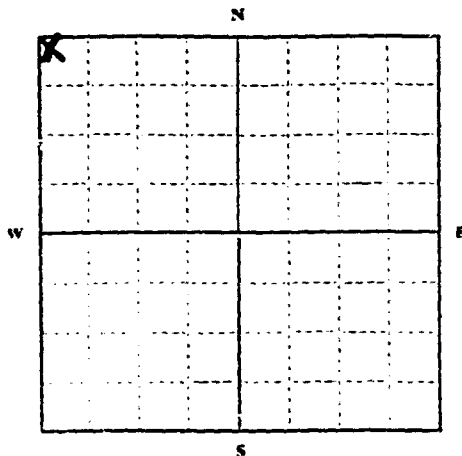
County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harry L. Cook, of Willow Creek  
(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:



N. 1/4, NW 1/4 Sec. 32 T. 1 N. R. 1 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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1902 in continuous use  
since 1942
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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  
3/4 acre
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric  
improvements
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 one mile to east of the 140 ft deep
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 The 140 ft is hand dug and the 140  
is a 1/2 in. pump
10. The estimated amount of groundwater withdrawn each year 100,000 gal.
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Harry L. Cook

Date 12/31/1963

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.

35878

1564

Dec - 31  
of 1146 of 6  
Food Products  
COUNTY CLERK - RECORDER  
By RM  
Page 200

File No. ....

T. 11 R. 13

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

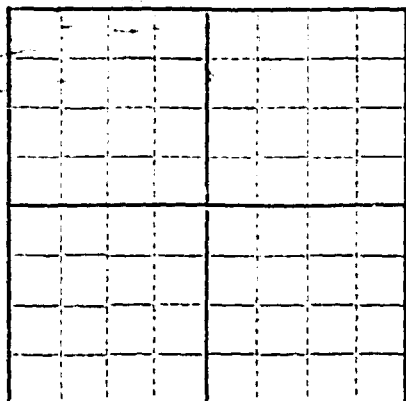
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 23 1963

STATE ENGINEER

JAMES L & NANCY C ANDERSON of THREE FORKS  
(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. T. R. 62 2nd 222

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 LAWN AND GARDEN
3. Date or approximate date of earliest beneficial use; and how continuous the use has been NOT KNOWN
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 400 GAL. MIN
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof LAWN AND GARDEN
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELECTRIC PUMP
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater NOT KNOWN
8. The depth of water table 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 42 FEET DEEP 6 INCH CASING
10. The estimated amount of groundwater withdrawn each year 60 000 gal
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Date DEC 20, 1963

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

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

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



935

State of Montana }  
County of Gallatin } ss.  
Filed Dec 20 1963  
at 10:25 o'clock A. M.  
Don Miller  
COUNTY CLERK  
By [Signature]  
Fee \$ 2.25

19

File No. ....

T 1N R 1E

DUPLICATE

County Gallatin

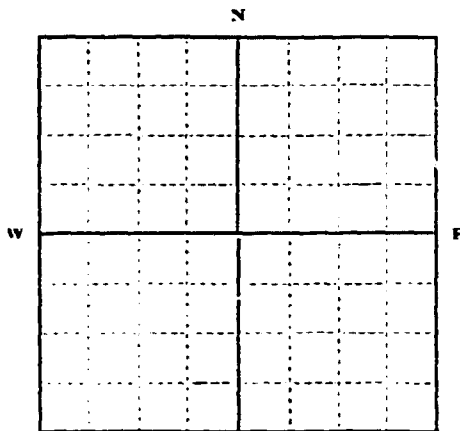
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, LUCY B. REICH, of Willow Creek,  
(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:



<sup>5</sup>  
Lots 13 & 14, Blk 10 of the  
original plat of Willow Creek, Montana

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. 1947- continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 300 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Prior to 1947
8. The depth of water table. approximately 23 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. approximately 40 feet deep
10. The estimated amount of groundwater withdrawn each year. 1/2 million 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

*Lucy B. Reich*

Date December 30th, 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

33407

1968

State of Montana } ss.  
County of Gallatin }  
Filed 12-30, 1963  
at 6:14 o'clock P. M.  
by [Signature]  
DEPUTY CLERK & RECORDER  
by [Signature]  
DEPUTY  
for \$ 200

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

T 1 N R 1 E  
County Gallatin

DUPLICATE

LOG

STATE OF MONTANA

STATE OF MONTANA

RECEIVED

ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DEC 10 1968

## Notice of Completion of Groundwater

## Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0-2 soil  
2-10 sand  
10-15 clay & gravel  
15-19 clay  
19-22 sand  
22-23 sand & clay  
23-28 sand & water  
28-32 clay & sand  
32-34 sand & little water  
34-38 clay  
38-40 sand, gravel & water  
Bottom of well 36'

Owner Eberence S. Hiller Address 1116 W. Park, Butte, Mont  
Pearl Higinbotham Address 607 Walnut, Anaconda, Montana

Driller Harold Hulbert Address Rt 1 Cozeman, Montana

Date of Notice of appropriation of groundwater \_\_\_\_\_

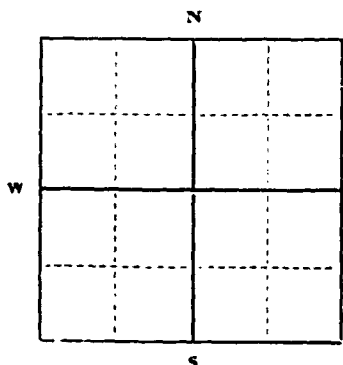
Date well started Oct 14, 1968 Date completed Oct 15, 1968

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	I9 1b 6 5/8 O. D.	2 1/2	above 38' 6"		None	



Static Water Level for non-flowing well \_\_\_\_\_ feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 24 feet

at 40 gal. per minute.

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

How Tested at 40 gal. per min. \_\_\_\_\_ hrs

Length of Test 2 hrs \_\_\_\_\_

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

1/4 Sec 19 T1N R1E  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Blk 10 - Lots 7-12 and Willow Creek

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature.

47  
47,836

2210

State of Montana } ss.  
County of Gallatin }

Filed Dec 9, 1968

at 1:30 o'clock P.M.

Carl L. Stucky  
County Clerk & Recorder

By Alta M. Hanger  
Deputy

Fee \$ 2<sup>00</sup> 00

12-00000

County Lincoln 19  
TINPIE  
DRILLER'S LOG

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 Gay Fowler

Address BH 164

Willow Creek, Mont

Date well started 2/27/68

completed

Type of well

### Equipment used

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

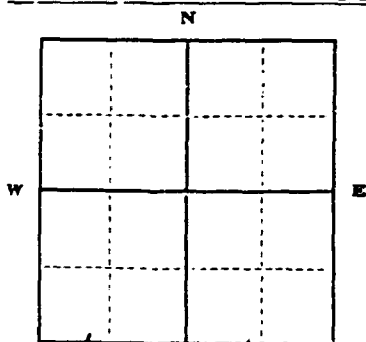
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

**\*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)	PENETRATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	Steel. Casing					



Lot 4 Block 13  
Willow Creek  
T. 1 N. R. 1 E. S. 10

Static water level ..... 20 ..... ft.\*

Pumping water level .....ft."

at .....gallons per minute,  
measured .....minutes after pumping  
began.

\*Measured from ground level.

Well developed by ...  
for .....hours.

Power.....~~100~~ Pump.....~~10~~ HP

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

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

**Driller's Address**

LICENSE NO.

Top of Ground

(Elev. above sea level)

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.

\_\_\_\_ Show exact depth of bottom

3321

State of Montana ss.  
County of Gallatin  
Filed June 29, 1973  
At 9:42 o'clock A.M.

County Clerk & Recorder  
By Albert M. Whitman  
Deputy  
Fee \$ 2.00

19

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

T. 1 N. R. 1 E

DUPLICATE

County Gallatin

LOG

JAN 3 1969

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**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0-2 soil  
2-10 sand gravel & clay  
10-15 gravel  
15-18 clay & sand  
18-26 sand & water  
26-28 clay  
28-30 clay & sand  
30-35 clay & sand  
35-37 sand gravel & water  
Bottom of well 35'

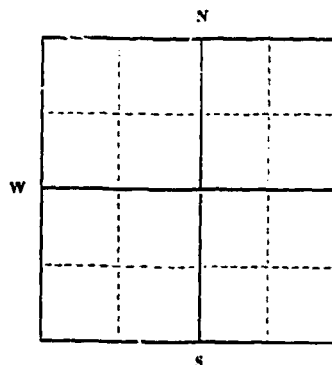
Owner Martha Malone Address Willow CreekDriller Harold Hulbert Address Rt. 1, Roseman, Mont.

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started Nov 29 1962 Date completed Nov 30 1962Type 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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	4 9/16	2' 6" above				
	6 5/8					
	0. 0.		33'		none	



Lot 1, Block 11, Three Fork's  
Land Co.'s 1st, Willow Creek, T. 1 N. R. 1 E.

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well  
11' 6" feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 10 feet

at 35 gal. per minute.

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

How Tested Pump & bailer

Length of Test 2 hrs

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

47  
Driller's License Number

Harold B. Hulbert  
Driller's Signature

44,892



2214

State of Montana {  
County of Gallatin  
Filed Jan 2, 1968  
at 1:15 o'clock P.M.  
Carl L. Stucky  
County Clerk & Recorder  
Betty Rose Griggs  
Deputy  
200 pd

County Gallatin

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 James E. Smith

Address 1501 2nd

Date well started 12-1-40

completed

Type of well Artesian

(Dug, driven, bored or drilled)

Equipment used 2000000000

(Churn grill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

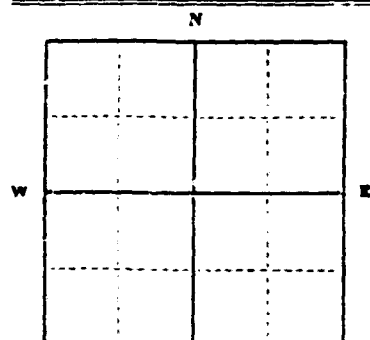
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

- 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)
12	2 1/2" 22 lb					
	3 1/2" 33 lb					



Static water level 244.7 ft.\*  
Pumping water level .....ft.\*  
at .....gallons per minute,  
measured ..... minutes after pumping  
began.

\*Measured from ground level.

Well developed by \_\_\_\_\_  
for \_\_\_\_\_ hours.

Power 4.42 Pump 4.42 HP

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

14 Sec 19

TIN RIE

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature \_\_\_\_\_

Driller's Address \_\_\_\_\_

LICENSE NO. ....

## 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) \_\_\_\_\_

[illegible]

Show exact depth of bottom

3 219

State of Montana / ss.  
County of Gallatin

Filed June 29, 19 73  
at 835 o'clock A M.

County Clerk & Recorder

By Arco M. Whitman  
Deputy

Fee \$ 2.00 pd

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 Charles H. Lower  
Biffie Lower

Address Willow Creek

Montana

Date well started April 5, 1968

completed April 10, 1968

Type of well Drilled

Equipment used Churn Drill

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

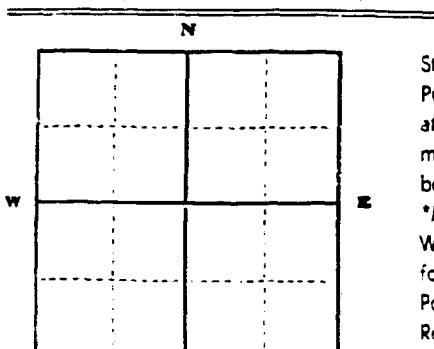
\*Describe Household Use

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).

none

ESTIMATED ANNUAL WITHDRAWAL 20,000 - 700

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6"	5" 10'	0	45'	Kind Size From (Feet) To (Feet)



Willow Creek Mont  
Lot 2, Block 5  
T. 19 N. R. 19 E. W  
SECTION 19

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Hal C. Lower

Driller's Address Hal C. Lower

Willow Creek LICENSE NO. 24

County Gallatin

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) <u>460</u>	
From (Feet)	To (Feet)
0	13
13	30
30	42
42	48
48	51
Show exact depth of bottom <u>51'</u>	

3320

State of Montana  
County of ...  
June 29 1913  
840 - 0000 A  
By Arthur M. Whitman  
For S. 200 p. 1

County:

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 326.0

June 14, 1973

GW 1 946 H.W.

ALL 1/2 ALL 1/2 Sec. 17

T. 1 N R. 1 E  
S W

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

mated 700

Owner William E. Fox Gladys A. Lullhoff  
Address PO Box 158 Willow Creek, MT.

Contractor (if any)

Address of Contractor

Date Started 207 RPP- Date Completed 207 RPP-

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) DEVELOPED SPRINGS  
+ DRAIN DITCH - BORDER DITCH

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

3. Depth of water table SURFACE 7' 4"

4. Use of the water Transpiration - 50%  
WATER -

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 50 inches

6. If used for irrigation, give number of acres and description of land 50 ACRES - yr. BR. od.  
and Fragaria - early bloom.

7. Estimate amount of water used each year

8. Months of year spring flows

Signature of Owner

Date \_\_\_\_\_

# 3260

State of Montana ss.  
County of Gallatin  
Filed June 14 19 73  
at 9:40 o'clock A.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Amelia A. Bridges  
Deputy  
Fee \$ 2.00

## GROUNDWATER INDEX

Page 1 of 2

County Ballinger Twp. 1N Rge. 2E

[illegible]



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

T 177 R 2E

DUPLICATE

County Golden

## LOG

Top of Ground

(Elev. above sea level \_\_\_\_\_)

0-5 soil  
 5-6 gravel  
 6-10 clay & rock  
 10-18 sand & gravel  
 18-24 clay & gravel  
 24-30 sand & water  
 30-33 clay  
 33-41 clay  
 41-44 sand gravel & water  
 44' Bottom of well

MONTANA WATER RESOURCES BOARD  
**RECEIVED**  
 AUG 9 1968

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)

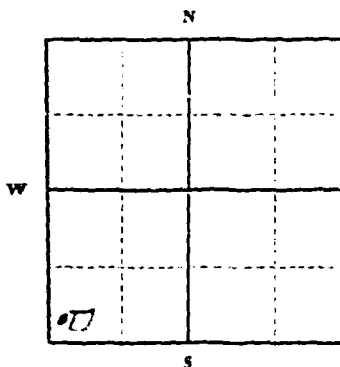
Owner W. R. Richardson Address Bozeman, MontDriller Harold Hulbert Address Rt 1, Bozeman, Mont

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started July 4 1968 Date completed July 9, 1968Type 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.

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	36'	none		



Static Water Level for non-flowing well \_\_\_\_\_ feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 13 feetat 50 gal. per minute.

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

How Tested EmpLength of Test 2 hrs

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

1/4 Sec. 4 T. 1N R. 2E  
 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).

Show exact depth of bottom.

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

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

47  
 Driller's License Number

Harold B. Hulbert  
 Driller's Signature

# 2182

State of Montana } ss.  
County of Gallatin }

Filed August 7, 1968  
at 10:25 o'clock A.M.

Carl L. Stucky  
County Clerk & Recorder

By Frederick D. Mayfield  
Deputy

See 3 & pl.

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 Tom Fairhurst

Address Three Forks, Mont

Date well started Dec 18, 1972

completed Dec 21, 1972

Type of well Drilled

Equipment used Churn

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

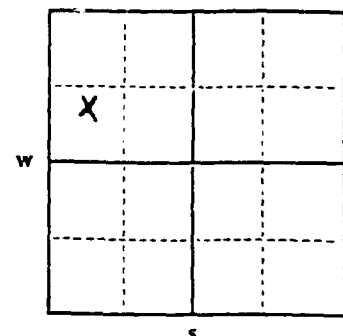
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*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 1,500,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6 IN	6 5/8 OD	0	100	
ID	17.02 lbs			
	5 IN	100	176	
	OD			
	plastic			



Sec. 6 T. 1 N. R. 2 E.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Martin J. Brown

Driller's Address 4015 1st Ave

Butte Mont LICENSE NO. 179

County Gallatin 6

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	15
15	30
30	72
72	80
80	131
131	140
140	155
155	158
158	160
160	176

176 Show exact depth of bottom

3176

State of Montana ss.  
County of Gallatin

Filed Jan. 3 1973

at 3:15 o'clock P.M.

Carl X. Stucky  
County Clerk & Recorder

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

Fee \$2.00 JS