

T 10N. R. 19W.

County Revalle
Sec. 7-SE 1/4 SE 1/4

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

Sec. 7-10N.19W.

WATER WELL LOG

Owner H. Stanley Antrim Address Stevensville, Mont.

Driller Glenn Camp Address Missoula, Mont.

Date Started March 14, 1958. Date Completed March 25, 1958.

Location: Sec. 7 T. 10N R. 19W 1/4 sec. South-east

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

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

Casing: 0 ft. to 70 ft. 8 in. ft. Type Solid steel welded jo Size 12 inch diameter

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

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

Perforated or Screened: Ft. 45 to ft. 65 Ft. to ft.

Type of screen or perforations perforations made with cutting torch, size 1/8 X 6 in.

Static Water level, for non-flowing well: 28 - 33 ft feet.

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

Pumping water level 55 ft. feet at 240 gal. per min.

How tested: Turbine test pump and again with permanent installation.

Length of test at end of 8 hr continuous run.

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

Casing set 5 ft. into clay.

(over)

T. 10 N. R. 19 W.

County. Ravalli
Sec. 7 SE 1/4 SW 1/4

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 4 1960
STATE ENGINEER

WATER WELL LOG

Sec 7-10 N. 19 W.

Owner. Stanley Antrim Address. Stevensville, Mont.
 Driller. Glenn Camp Address. 705 Alder
 Missoula
 Date Started. Nov. 23, 1959 Date Completed. Nov. 30, 1959
 Location: Sec. 7 T. 10 N R. 19 W 1/4 sec. SW

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

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

Casing: 6' above ft. to 176 1/4" ft. Type Seamless Size 6"-19 lb to foot

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. None

Static Water level, for non-flowing well: 45' from ground level draw down 8 1/2' at _____ feet.

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

Pumping water level. 53 1/2 feet at 20 gal. per min.

How tested: Boiler

Length of test _____

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

This well originally drilled by Archie Remoir Mgr., Liberty Drill
 Co., Missoula, Mont. Feb. 18 to 22, 1955. Casing set to 53 ft and after
 well repaired by Remoir Sept. 24, 1956. Continued to pump
 1959 the herein described additional drilling was done. See
 previous log

(over)

Doc. No. 5478
 Filed for record
 File No. this 16 day of August
 A. D. 19 71, at 1:08
 o'clock P. m.

Approved Stock Form—State Publishing Co., Helena, Montana—42329
 T. 10N R. 19W
 County Ravalli

DUPLICATE

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 Louis D. & TONY & PATRICIA PICCININI
Bortha J. Matheny Address Florence, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 6/25/68 Date completed 7/8/68

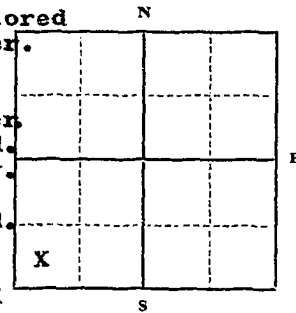
Type of well Drilled Equipment used Cable Tools
 (Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other

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

Top of Ground Approx. (Elev. above sea level) 3620'
 Formations Log:
 0 - 3 Top soil.
 3 - 15 Silty gravel & cobbles.
 15 - 17 Boulders.
 17 - 38 Gray sandy clay.
 38 - 43 Light tan sandy clay.
 43 - 48 Fine granitic sand. Some water. Formations too tight and fine to successfully develop well.
 48 - 51 Brown sand & clay.
 51 - 71 Gray sandy clay.
 71 - 76 Brown clay, silt & sand.
 76 - 83 Gray & green silty clay.
 83 - 91 Fine granitic sand. Some silty water. Formations too fine & silty to successfully develop well.
 91 - 97 Fine silty sand with orange colored clay. Some water.
 97 - 108 Tan sandy clay.
 108 - 110 White granitic sand. Some water.
 110 - 113 Fine silty sand. Streaks of clay.
 113 - 125 Light tan clay. Streaks of sand.
 125 - 130 Fine to coarse gray sand with a few scattered gravels. Water.
 Water rises in the well 14 feet from surface.
 Show exact depth of bottom.
 Bottom of well 130'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 1/2"	+2	125	5 9/16" shop made screen with solidly closed bottom	122	130



Static Water Level for non-flowing well 14 feet.

Shut-in Pressure for Flowing Well Non-f.
 Pumping Water Level 42 feet at 60 gal. per minute.

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

How Tested Air Lift Pump
 Length of Test 3 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well is coming through perforations in screen. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 percent of the tested capacity of the aquifer.

(Lot 4, Sec 7)
 SW 1/4 SW Sec 7 T10N R19W
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

Approx. Five Acres

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.

52
 Driller's License Number
William S. Odame
 Driller's Signature

48889

5478

I certify that I received and filed this
instrument on this 16th
day of Aug, 19 71 at 1:00
o'clock P.M. M.

F. G. Moore
COUNTY RECORDER

By Fee 2.00
DEPUTY

File No.....

T. 10 N. R. 19 W.

DUPLICATE

County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Notice of Completion of Groundwater Appropriation Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater March 1, 1926

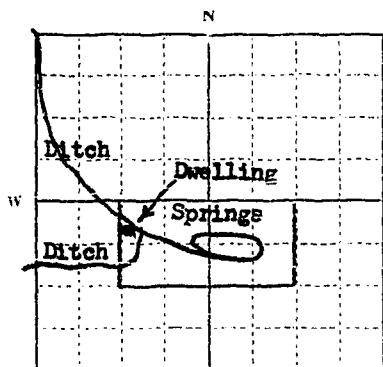
Owner H. Stanley Antrim Address Stevensville, Montana

Contractor (if any) NONE

Address of Contractor NONE

Date Started March 1, 1926 Date Completed December 10, 1963

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. The ground water is obtained from an area of many springs emerging from an escarpment for a distance of approximately 80 rods. Development of this source has been made by digging channels into the springs and collecting the water in an open ditch running along the base of this escarpment. The escarpment rises 15 to 20 feet above the ground level through which the ditch has been excavated an additional depth of 4 to 16 feet.



NE 1/4 SW 1/4
NW 1/4 SE 1/4 Sec. 8 T. 10 R. 19W

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

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

From this spring area, said ditch carries the water westward estimate approximate lengths of periods of use reaching the top of the escarpment approximately 10 rods east of the west line of the NE 1/4 SW 1/4 Sec. 8 T. 10 R. 19W. Here domestic water is provided for the dwelling and camp house and the flow is further distributed for stock water and irrigation water as needed through out the year.

Readings of the flow at this point of distribution, made by a weir properly placed in the headgate, indicate maximum yearly and seasonal fluctuations between 120 and 350 gallons per minute.
Signature of Owner H. Stanley Antrim

Date December 28, 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.

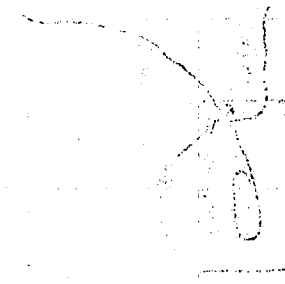
2321

#3

I certify that I received and filed this
instrument on this 30th
day of Nov, 1906, at 9:06
o'clock A. M.

J. G. Moore
COUNTY RECORDER

By Shirley Keith
DEPUTY

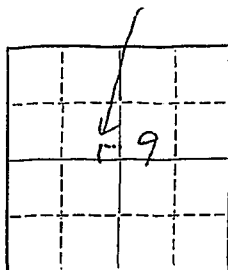


RECORDED
INDEXED

T. 10N R. 19W
County Fusill

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner Carrie Mackay Grether Address 824 San Diego Road
Berkeley, California
Driller William H. Mahi Address Corvallis, Montana
Date Started July 27, 1957 Date Completed July 31, 1957
Location: Sec 9 T. 10N R. 19W 1/4 sec. NE 1/4 N. 10 1/4

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

Water use: Domestic Municipal Stock Irrigation Garden
Industrial Drainage Other: Garden and Stock

Casing: 5 ft. to 35.2 ft. Type Standard P.E. Secumless Pipe Size 5"

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: 16 feet.

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

Pumping water level 16 feet at 900 gal. per min.

How tested: Bailer

Length of test 1 1/2 hours

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

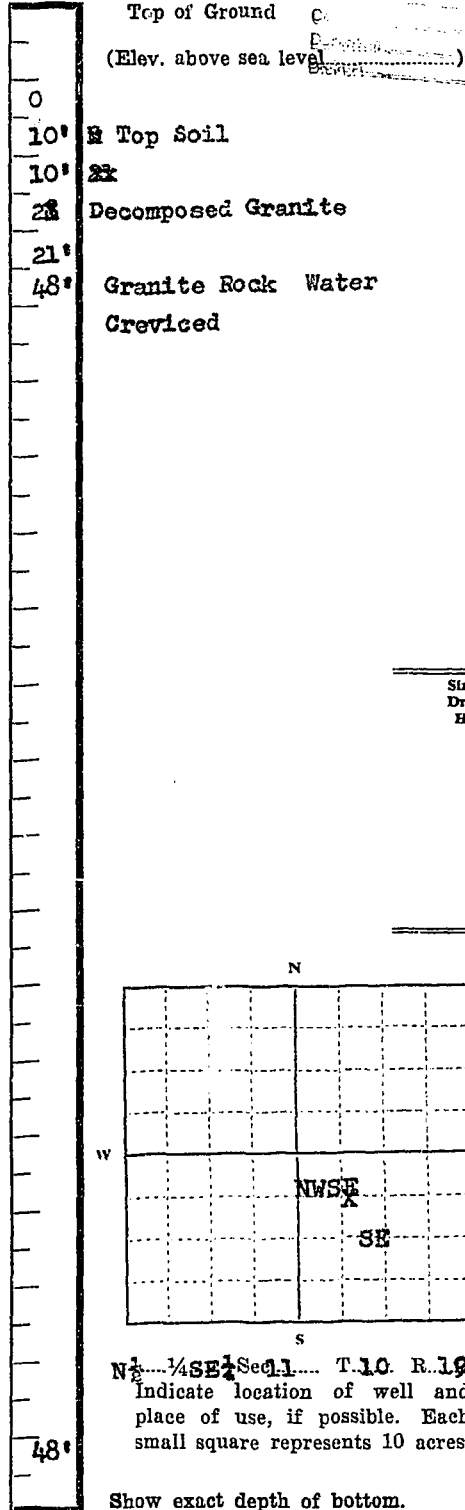
Filed by E. T. Grether Aug. 6, 1957 from data supplied
by Wm. Mahi

(over)

File No. _____ STATE WATER CONSERVATION BOARD T. _____ R. _____
DUPLICATE County Bavalli

NOV 7 1966

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 Vaden I. Scruggs Address Granite Creek

Driller John Farrell Address Arlee

Date of Notice of Appropriation of Groundwater _____

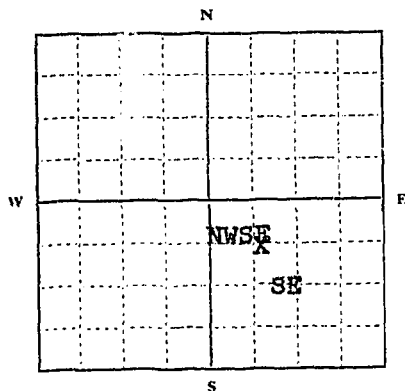
Date well started Oct 21 1966 Date Completed Oct 24 1966

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 18#7#					



N 1/2 Sec 1 T. 10. R. 19
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 _____

Pumping Water Level 46 feet at 9 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump Length of Test 1 Hour

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

14
Driller's License Number

John Farrell
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.

41,589

#4893

I certify that I received and filed this
instrument on this 3rd
day of Nov, 19 66 at 4:00
o'clock P.M.
F. S. Moore
COUNTY RECORDER
Lee 2.00
DEPUTY

CW 3

File No.

DUPLICATE

T. 10 N R. 19

County: Ravalli

RECEIVED
JAN 8 1964

STATE ENGINEER

11
12
14
15

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater about 70 years

Owner: Walter G. Sutley Address: Bellevue

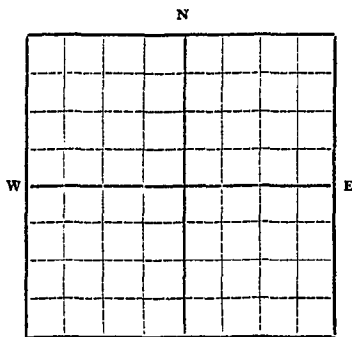
Contractor (if any)

Address of Contractor

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

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

Surface Water.. springs and Granite Creek



.....¹⁵/₁₅..... Sec. 11-12-15 T. 10 R. 19
Indicate point of appropriation and place of use, if possible.

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

Used for irrigation and domestic use

and stock water

Signature of Owner: Walter G. Sutley

Date: December 27, 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.

27484

#2674

I certify that I received and filed this
document on this 30th
day of Dec. 1963 at 4:02
o'clock P.
F. G. Moore
County Recorder
Shirley Keith
County Clerk

File No. 2150

T. 14 N. R. 19 W. 18

DUPLICATE

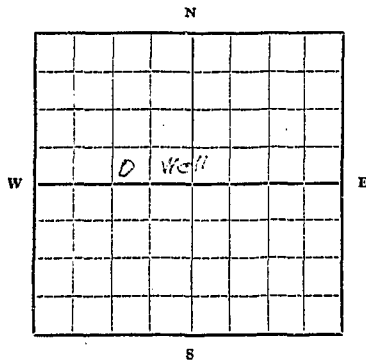
County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

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

1. Leon C. Hurtt + Son, of 541 Evans Ave. Missoula
(Name of Appropriator) (Address) (Town)
County of Powell State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW 1/4 Sec. 18 T. 14 N. R. 19 W

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 U.S.C. foodstock, domestic, and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1920 + continuing use since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 1/8 Acre Present owner Leon C. Hurtt and son. We bought the place in Oct 1963 from Mrs. Ernst + Mrs. D.J. Knight.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not known, Present owner purchased place in 1963

8. The depth of water table Not known

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 known. Well reported to be 160' deep

10. The estimated amount of groundwater withdrawn each year Est about 3/4 Million 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 Not known

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.

File No. 2150

T. 13N R. 17W

DUPLICATE

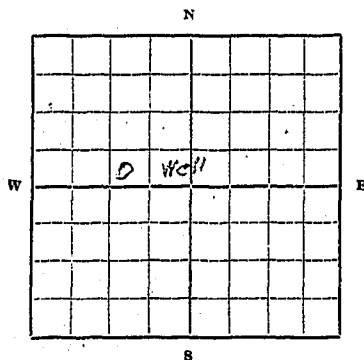
County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

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

1. Leon C. Hurtt + Son, of 541 Evans Ave. Missoula
(Name of Appropriator) (Address) (Town)
County of Ravalli State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW 1/4 Sec. 18 T. 14N R. 17W

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 use for factory, domestic, and garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1890 + continued since
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gpm/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 1/8 Acre Present owner Leon C. Hurtt and son we bought the place in Apr '63 from Mrs. Ernst + Mrs. D. J. Knight
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Small Electric pump at house

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not known, Present owner purchased place in 1963
- 8. The depth of water table Not known
- 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 known well reported to be 160' deep
- 10. The estimated amount of groundwater withdrawn each year Est. about 3/4 Million Gal.
- 11. The log of formations encountered in the drilling of each well if available Not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None known

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.

I certify that I received and filed this
instrument on this 26th
day of Nov, 1963, at 8:10
o'clock A.M.

F. S. Moore
COUNTY RECORDER

By _____
DEPUTY

RECORDED
INDEXED
NOV 26 1963
COUNTY CLERK

File No. 2157

T. W. R. [unclear]

DUPLICATE

County [unclear]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1962

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 30 1962

Owner Leon C. Murth & Son Address 541 Evans Ave

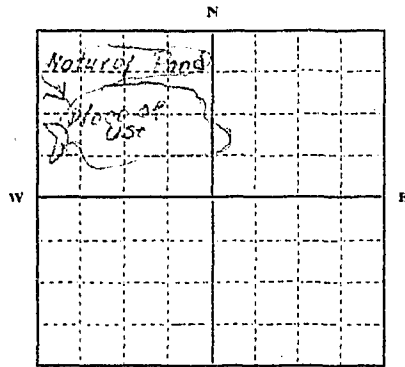
Contractor (if any) Murth Supply Co

Address of Contractor 1800 Sherman St Missoula

Date Started 6/14/62 Date Completed 6-23-62

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

E. River 2-4' deep adjacent to E. river



Section 2 + 3

1/4 Sec. 13 T. 20N. R. 10W

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

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

estimate approximate lengths of periods of use 4-5 Mo

286 Miners Inches Mont.

1000 Gal/M Capacity of 40HP Elec.

PUMP

Signature of Owner Leon C. Murth

Date Dec 23 1962

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.

File No. 2257

T. 100 R. 100

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1962
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 30 1962

Owner Leon C. Martin's Son Address 541 Evans Ave

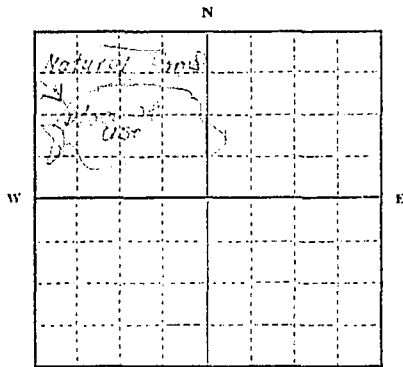
Contractor (if any) Water Supply Co.

Address of Contractor 1000 Main St. Missoula

Date Started 6/1/62 Date Completed 6-22-62

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

2-4' deep adjacent to B. river



Indicate point of appropriation and place of use, if possible.
1/4 Sec. 12 T. 100 N. R. 100 W.

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. 2-5 hrs

250 miners inches, Mont.

1000 Gal/M Capacity of 40 Hp Elec.

Pump

Signature of Owner Leon C. Martin

Date Dec 23 1962

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.

I certify that I received and filed this
instrument on this 26th
day of Dec, 1963, at P.M.
o'clock A.M.

F. G. Moore
COUNTY RECORDER

By.....
DEPUTY

File No.

T. R.

QUADRUPLICATE

007 25 1970

County

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)

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

- 0-2 Topsoil
- 2-12 Sand, Gravel, Clay
- 12-26 Sand and gravel
- 26-30 Sand, Gravel, Clay
- 30-33 Sand and water
- 33-41 Yellow Clay
- 41-44 Sand and water
- 44-45 Sand, w/ r, and gravel & clay
- 45-55 Sand and yellow clay
- 55-58 Green Clay
- 58-71 Gray Clay
- 71 Water, Silty Sand (0.5.4.4.)
- 71-76 Yellow Clay
- 76-82 Yellow Sandy Clay
- 82-83 Water, silty sand and gravel

Owner Dr. Warren J. Knight Address Florence, Montana

Driller Glenn Camp Address Missoula, Montana

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

Date well started March 6, 1967 Date completed March 13, 1967

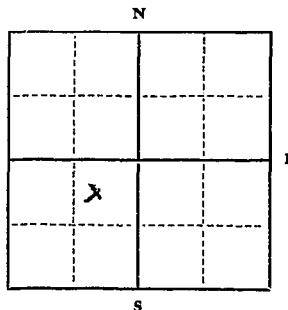
Type of well Drilled Equipment used Churn Drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 1.7. 17 lb per ft.	2' above	23' below			

Doc. No. 5346
Filed for record
this 21 day of October
A. D. 19 70, at 10:26
o'clock A M.



Static Water Level for non-flowing well 72' from top feet.

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

Pumping Water Level 26 feet
at 36 gal. per minute.

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

How Tested Compressor

Length of Test 75 hours

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

NE 1/4 SW Sec. 18 T. 10 R. 19
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.

Driller's License Number

Glenn Camp
Driller's Signature

47660

#5-346

I certify that I received and filed this
instrument on this 21st
day of Oct., 19 70, at 10:26
o'clock 12 M.

J. G. Moore
COUNTY RECORDER

By J. G. Moore
DEPUTY

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 Dr. W. J. Knight

Address Stevenaville, Mont.

Date well started August 25, 1970

completed August 31, 1970

Type of well Drilled

Equipment used Churn Drill

Water Use: Domestic Municipal Stock Irrigation

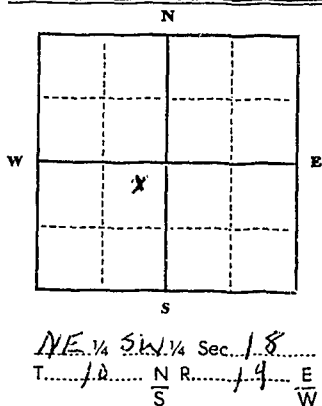
Industrial Drainage Other * Garden/Lawn

*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 unknown

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
3"	17 lbs. per ft.	0	105	3/16x5	84	104



Static water level 13 ft.*
Pumping water level 56 ft.*
at 100 gallons per minute,
measured 180 minutes after pumping
began.

*Measured from ground level.
Well developed by balancing &
for 6 hours. compressor

Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) Gravel pack from 102 to 104 feet.

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

Driller's Signature Charles W. ... Ravalli Drilling Co.

Driller's Address Box 27, Victor, Montana

LICENSE NO. 200

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	1	Topsoil
1	20	Sand, Gravel, Large Boulders
20	61	Sand, Gravel Water bearing
61	65	Clay - gray
65	66	Clay - green
66	91	Intermittent layers Sand, Gravel, Clay - gray
91	105	Sand, Gravel, Clay Intermittent layers Mixed and varying water bearing

105 Show exact depth of bottom

417659

5345

I certify that I received and filed this
instrument on this 21st
day of Oct, 19 90, at 10:25
o'clock A.M.
J. S. Brown
COUNTY RECORDER
BY Fee 2.00
DEPUTY

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

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

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

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

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

For Administrator's Use	
File	<u>5984</u>
	<u>June 27, 1973</u>
GW 1	<u>1:30 p.m.</u>

Owner William W. & Elizabeth M. Zeln
 Address Florence, Montana 59833
 Contractor (if any) self
 Address of Contractor _____
 Date Started June 1971 Date Completed June 10, 1973

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

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

3. Depth of water table _____

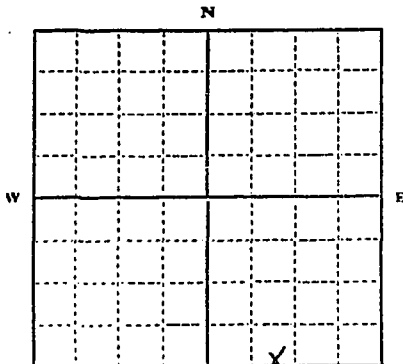
4. Use of the water domestic, livestock and irrigation

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

6. If used for irrigation, give number of acres and description of land pasture, 16 acres, Lot #5 of Vernon Ranchettes #2

7. Estimate amount of water used each year _____

8. Months of year spring flows 12 months



Lot 5 Vernon Ranchettes #2

T4 SW 1/4 SE 1/4 Sec. 19

T. 10 N. N R. 13W. E
S W

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

200' Wd

100' S of S.E. corner of Lot #5 of Vernon Ranchettes #2

Signature of Owner William W Zeln

Date June 26, 1973

RECEIVED

GW 3 Revised 1969
191-1500-10/69

County Ravalli

MONTANA DEPARTMENT OF STATE OF MONTANA
RESOURCES AND ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

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

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

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

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

For Administrator's Use	
File	<u> 5984 </u>
	<u> June 27, 1973 </u>
GW 1	<u> 1:30 p.m. </u>

Owner William W. & Elizabeth M. Zeiler

Address Florence, Montana 59833

Contractor (if any) self

Address of Contractor _____

Date Started June 1971 Date Completed June 10, 1973

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

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

3. Depth of water table _____

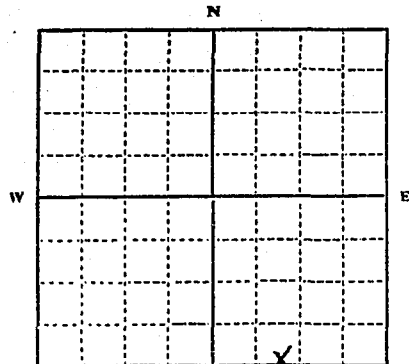
4. Use of the water domestic, livestock and irrigation

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

6. If used for irrigation, give number of acres and description of land pasture, 16 acres, Lot #5 of Vernon Ranchette #2

7. Estimate amount of water used each year _____

8. Months of year spring flows 12 months



Lot 5 Vernon Ranchette #2

1/4 SW 1/4 SE 1/4 Sec. 19

T. 10 N N R. 13W E
S W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated about 200' W.D.

100' S of S.E. corner of Lot 5 of Vernon Ranchette #2

Signature of Owner William W. Zeiler

Date June 26, 1973

54438

5984

I certify that I received and filed this
instrument on this 27th
day of June 1973 at 1:30
o'clock P.M.

Dorlan E. Hughes
COUNTY RECORDER

By H. J. O'D
DEPUTY

File No. 2048

T 10 North 19 West

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

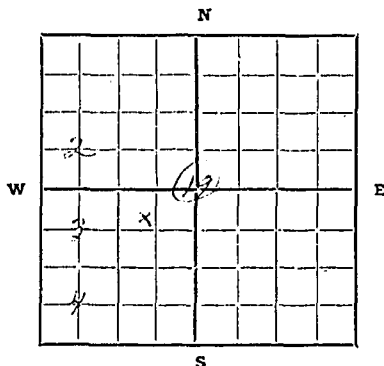
Ravalli County
RECEIVED
DEC 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Wesley Woodgard, of 112 Lombard Ave., Glasgow, Mont.
(Name of Appropriator) (Address) (Town)

County of Ravalli, 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
house well for domestic use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
UNKNOWN
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
capacit. of well, not recently known
- 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
pump - well located as indicated on map

SW 1/4 Sec. 19 T. 10N R. 19W
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
NOT KNOWN
- 8. The depth of water table
NOT KNOWN
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
4 in. casing, other information not known
- 10. The estimated amount of groundwater withdrawn each year
not in use at this time
- 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 *Wesley Woodgard*
Date *December 5, 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.

File No. 2048

T 10 North 19 West

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

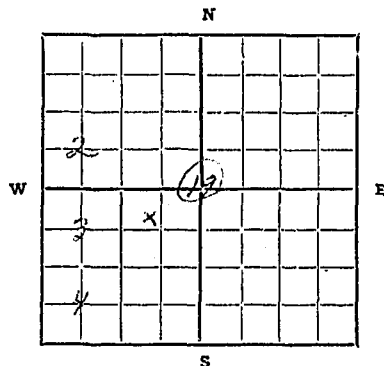
Ravalli County
RECEIVED
DEC 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Wesley Woodgard of 112 Lomond Ave. Glasgow, Mont.
(Name of Appropriator) (Address) (Town)

County of Ravalli, 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 house well for domestic use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been unknown
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) capacity of well, not presently known
- 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 pump - well located as indicated on map

SW 1/4 Sec. 19 T. 10N R. 19W
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not known
- 8. The depth of water table not known
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 in. casing, other information not known
- 10. The estimated amount of groundwater withdrawn each year not in use at this time
- 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 not available

Signature of Owner Wesley Woodgard

Date December 5, 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.

I certify that I received and filed this
instrument on this.....
20th
day of Dec..... 19.63..... at 9:05
o'clock..... A.....M.

F. B. Moore
.....
COUNTY RECORDER

By.....
DEPUTY

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 Vernon
Address Stevensville, Mont.
Date well started Feb. 10, 1971
completed Feb. 13, 1971

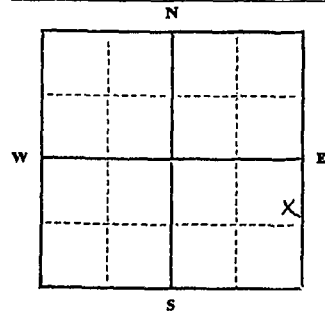
For Administrator's Use
File 5432
May 14, 1971
2:15 PM
GW 1

Type of well Drilled
Equipment used Churn Drill
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 unknown

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 lbs. per ft.	0	110	3/16x5	100	110



Static water level .69 ft.*
Pumping water level 100 ft.*
at 15 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by baling &
for 2 hours. pumping
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) 6 feet of gravel pack

1/4 Sec. 19
T. 10 N. R. 19

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

Driller's Signature Charles W. [unclear] Ravalli Drilling Co.

Driller's Address Box 27, Victor, Montana

LICENSE NO. 200

County Ravalli

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	1	Topsoil
110	110	Intermittent layers Sand, Gravel
m		Water bearing

110 Show exact depth of bottom

48479

#5-432

I certify that I received and filed this
instrument on this 14th
day of May, 1921 at 2:15
o'clock PM
F. B. Moore
COUNTY RECORDER
By Free 2.00
DEPUTY

File No.

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
LOG JUL 9 1969

T.
County Parade

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)

Top of Ground
(Elev. above sea level.....)
Well located East Side of Hwy
Near Florence

0-10 Clay and Gravel
10-25 Decomposed sand & clay
25-25 Decomposed sand & very
small gravel (abt
2 SW water - would
not clear)

26-58 Decomposed sand and clay
58-59 Sand & water
59-64 Sand, fine gravel,
water

64-78 Sand and Clay
78-80 Sand and water
80-82 Sand, fine gravel,
water

82-89 Sand and clay
89-90 Sand, fine gravel
90-94 Black clay, gravel
94-104 Tan clay

104-116 Sand and water
116-123 Clay
123-128 Sand and water
128-131 Sand, Clay & Gravel

131-136 Silty Sand & Water
136-140 Sand and Clay
140-148 Silty Sand & water
148-153 Clay and Gravel
153-154 Sand, fine gravel, liner
clay and water

154-160 Sand, Gravel &
water
160-165 Coarse sand
195-203 Gravel & Clay
203-209 Fine Black sand
209-214 Black Sand, Gravel
& water

214-215 Black Clay and Gravel
215-219 Blue Clay & Gravel
219-222 Sand and water
222-235 Blue Clay
235-238 Sand, fine Gravel &
water

238-253 Sand, Gravel & Water

Owner J.L. KELLOGG Address 537 Daly
Driller Glenn Camp Address 1522 S. 14th W.
Missoula, Montana

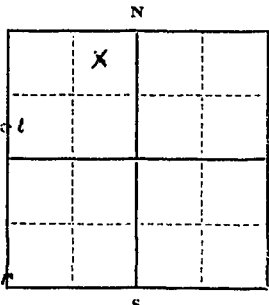
Date of Notice of appropriation of groundwater.....
Date well started June 4, 1969 Date completed June 19, 1969

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D.	6" 1.5. 17 lb per ft.	1' above G.L.	232' 10"	Burnt 2" long	239'	249'
5" I.D.	5" 1.5. 14 lb per ft.	236'	253'	Total -	150 holes	



NE 1/4 Sec 19 T. 10 R. 19
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 22 feet.
Drawdown = 100'
Shut-in Pressure for Flowing Well.....
Pumping Water Level..... 122 feet
at 35 gal. per minute.
Discharge in gal. per min. of flowing well
How Tested Air Compressor
Length of Test..... 5 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff) 5" lining ext. taps 4' into 6" casing

(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.

License 7
Driller's License Number

Driller's Signature Glenn Camp

45416

#5174
5175

I certify that I received and filed this
instrument on this 8th
day of July, 1969, at 11:20
o'clock AM.

J. S. Moore
COUNTY RECORDER

By Lee 2.00
DEPUTY

RECEIVED

County Montana

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

OCT 11 1972

DRILLER'S LOG

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 Wroble

Address Route 1, Box 142-J

Stevensville, Mont. 59870

Date well started Sept 25, 1972

completed Sept 28, 1972

For Administrator's Use
File # 5929
Oct. 10, 1972 10:30 a.m.
GW 1

Type of well drilled well
(Dug, driven, bored or drilled)

Equipment used churn drill
(Churn drill, rotary or other)

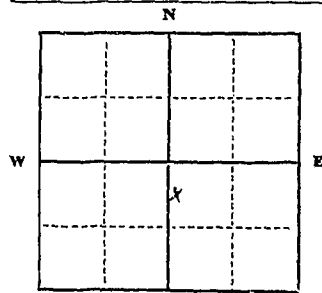
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17. / 32	0	104	3/16x5	92	104



Static water level 20 ft.*
Pumping water level 40 ft.*
at 2 gallons per minute,
measured 30 minutes after pumping began.

*Measured from ground level.
Well developed by blow
for 2 1/2 hours.

Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
1 foot of gravel pack

NW 1/4 SE 1/4 Sec. 19
T. 10 N. R. 14 E

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

Driller's Signature Charles Wroble

Driller's Address Stevensville, Mont.

Victor, Mont. LICENSE NO.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	1	topsoil
1	35	sand gravel and clay mixed
35	83	clay and sand
83	97	heavy clay
97	104	sand and gravel water bearing

104 Show exact depth of bottom

51,560

RECEIVED
OCT 11 1972

County Montana

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

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.

(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 Lawton

Address Route 1, Box 142-I

Stevensville, Mont. 59870

Date well started Sept. 25, 1972

completed Sept. 30, 1972

For Administrator's Use

File # 5729

Oct. 10, 1972 10:30 am

Type of well drilled well
(Dug, driven, bored or drilled)

Equipment used churn drill
(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

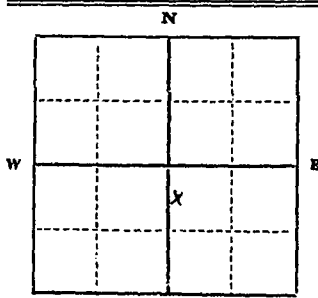
Industrial Drainage Other * Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17.5/lb.	0	104	3/16x5	98	104



NW 1/4 SE 1/4 Sec. 19
T. 12 N. R. 17 E

Static water level 25 ft.*
Pumping water level 40 ft.*
at 6 gallons per minute,
measured 30 minutes after pumping began.

*Measured from ground level.
Well developed by drilled
for 2 1/2 hours.

Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
1 foot of gravel pack

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

Driller's Signature Charles Lawton

Driller's Address Stevensville, Mont.

LICENSE NO. 500

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	1	topsoil
1	35	sand gravel and clay mixed
35	83	clay and sand
83	97	brown clay
97	104	sand and gravel water bearing

Show exact depth of bottom

51,560

#5729

I certify that I received and filed this
instrument on this 10th
day of Oct, 1922, at 10:30
o'clock A.M.
F. S. Moore
COUNTY RECORDER
By Fee 2.00
DEPUTY

County Ravalli

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

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.

(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 W.C. Uchase
5 STEVENSVILLE
Florence, Montana

Date well started 3/30/71
completed 4/3/71

Type of well drilled
(Dug, driven, bored or drilled)

Equipment used cable tool
(Churn drill, rotary or other)

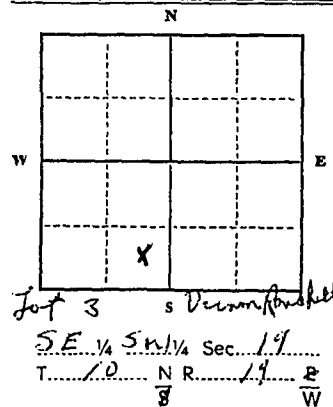
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

For Administrator's Use
File 5420
April 26, 1971
5:00 P.M.
GW 1

*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)
5 inch	5 in. I.D. 14.97	0	154			



Static water level 110 from top. *
Pumping water level 114 of top. *
at 15 gallons per minute,
measured 20 minutes after pumping
began.
*Measured from ground level.
Well developed by pumping
for 4 hours.
Power 3 Pump 3 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) gravel packed

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

Driller's Signature _____
Driller's Address 3024 So. Ave. Missoula, Montana
Harold K. Pickens LICENSE NO. 71

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	Description
0	12	top soil
12	10	sand
10	84	light gray clay
84	82	sand
82	110	red clay
110	116	sand & water
116	120	dark brown clay no water
120	131	sand & water
131	135	dark brown clay no water
135	147	sand & water
147	154	gravel coarse sand & water

154 ft. Show exact depth of bottom

48399

#5-420

I certify that I received and filed this
instrument on this 26th
day of April, 19 71, at 5:00
o'clock P M.

F. G. Moore
COUNTY RECORDER

By F. G. Moore
DEPUTY

**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 *Archie Price*

Address *Just of Florence*

Florence, Montana

Date well started *6-7-73*

completed *6-7-73*

Type of well *Drilled*

Equipment used *Air rotary*

Water Use: Domestic Municipal Stock Irrigation

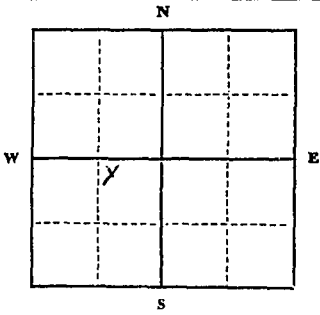
Industrial Drainage Other * Garden/Lawn

*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 *unknown*

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8 17 lb. per ft.	+1	85	none		



NE 1/4 SW 1/4 Sec. 19
T. 10 N. R. 19 E.

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

Driller's Signature *Bob Jerome*

Driller's Address *3726 Mount Ave. Missoula, Montana*

LICENSE NO. *249*

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><i>5500</i></u>	
From (Feet)	To (Feet)
0	20
20	30
30	40
40	70
70	80
80	85

Sand
Sand & fine gravel
Fine gravel (wet)
Wet sandy gravel
Sand & gravel with water at 10 GPM
Gravel & water at 30 GPM

85'

Show exact depth of bottom

5948

I certify that I received and filed this
instrument on this 13th
day of June, 1973, at 2:50
o'clock P. M.

Debra E. Hughes
COUNTY RECORDER

Fee 2.00
02/02

75-406*

I certify that I received and filed this
instrument on this 5th
day of April, 1971, at 10:35
o'clock A.M.

F. S. Moore
COUNTY RECORDER

By Fee 2.00
DEPUTY

File No.....

T. 10N R. 19W

30/19

DUPLICATE

County..Ravalli

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 21 1969

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner **Robert J. & Barbara Marr** Address **Florence, Montana**

Driller **Liberty Drilling Co.** Address **Missoula, Montana**

Date of Notice of appropriation of groundwater **None filed**

Date well started **4/28/69** Date completed **4/30/69**

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

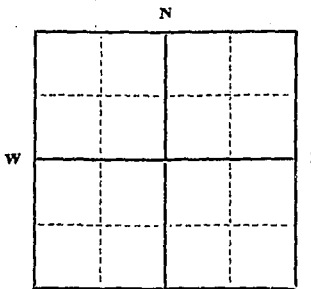
Top of Ground
(Elev. above sea level **Approx. 5140'**)

Formations Log:

- 0 - 3 Sandy black dirt.
- 3 - 46 Granitic sand and gravel.
- 46 - 60 Decomposed granitic sand & small river gravel imbedded in clay.
- 60 - 68 Silty sandy clay.
- 68 - 70 Decomposed granitic sand & gravel.
- 70 - 72 Clean coarse gravel & sand. Water.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 3/4"	+1' 10"	72	NONE		

Water rises in the well 36 feet from surface.



Static Water Level for non-flowing well**36**.....feet.
 Shut-in Pressure for Flowing Well **Non-f**.....
 Pumping Water Level.....**69**.....feet
 at.....**75**.....gal. per minute.
 Discharge in gal. per min. of flowing well
Non-flowing

How Tested...**Air Lift Pump**.....
Length of Test...**Two hours**.....

NW 1/4, NW 1/4, S Sec 30
SW 1/4, SW 1/4 &

SE 1/4 SE Sec. 19 T. 10N R. 19W

Indicate location of well and place of use, if possible. Each small square represents 40 acres.
ing well is coming through the open bottom of six inch casing. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 30 percent of the tested capacity of the aquifer.

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).

Approx. **10 acres.**

Show exact depth of bottom.

Bottom of well **72'**

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.

52

Driller's License Number

William S. Colman
Driller's Signature

45,248

#5149

I certify that I received and filed this
instrument on this 8th
day of May, 1969, at 9:30
o'clock AM.

L. S. Moore
COUNTY RECORDER

By J. E. Moore
DEPUTY

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 Terry Hicks
Address Stevensville
Montana
Date well started 5-15-72
completed 5-27-72

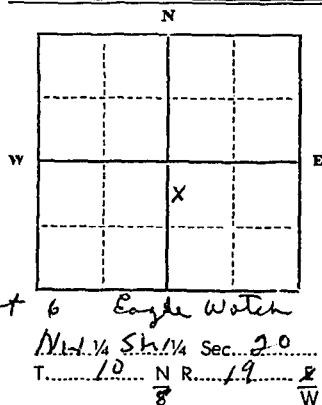
For Administrator's Use	
File	<u>5716</u>
App.	<u>25, 1972 - 11:25</u>
GW 1	

Type of well Drilled
(Dug, driven, bored or drilled)
Equipment used Cable Tools
(Churn drill, rotary or other)
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 5/8</u>	<u>.280</u>	<u>0</u>	<u>255</u>	<u>None</u>		



Static water level 167 ft.*
Pumping water level 240 ft.*
at 15 gallons per minute,
measured 6 minutes after pumping began.
*Measured from ground level.
Well developed by plummi 29
for 3 hours.
Power Electric Pump 3/4 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 Bill Treston
Driller's Address Box 977
Hamilton, Mont. LICENSE NO. 125

County Beavert

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)	
<u>0</u>	<u>136</u>	<u>Sand + gravel</u>
<u>136</u>	<u>147</u>	<u>yellow clay</u>
<u>147</u>	<u>170</u>	<u>fine silt</u>
<u>170</u>	<u>200</u>	<u>sandy clay</u>
<u>200</u>	<u>230</u>	<u>silt / fine sand</u>
<u>230</u>	<u>235</u>	<u>yellow clay</u>
<u>235</u>	<u>240</u>	<u>black dirt</u>
<u>240</u>	<u>250</u>	<u>blue clay</u>
<u>250</u>	<u>255</u>	<u>black sand dirt</u>
<u>255</u>	<u>255</u>	<u>sand, gravel, water</u>

255 Show exact depth of bottom

5716

I certify that I received and filed this
instrument on this 25th
day of Sept, 1922, at 11:25
o'clock A.M.

F. G. Moore
COUNTY RECORDER

BY F. J. J. J.
DEPUTY

File No.

T. 10 N. 19 W. 33 719

DUPLICATE

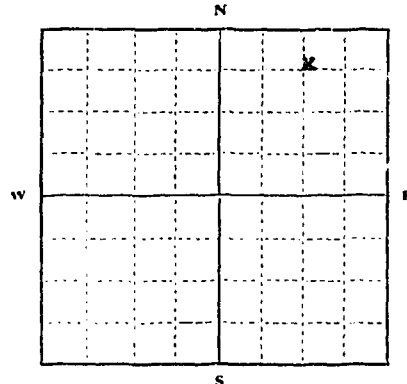
RECEIVED
JAN 24 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Fred Bartels and Mary Bartels, of Stevensville, (Name of Appropriator) (Address) (Town)
County of Ravalli State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 26 T10 N R19 W

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, stock and other beneficial uses
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been: April, 1958; continuous use after said date.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute): 60 miners inches
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 120 acres (approx.) - Fred and Mary Bartels - North 3/4 of NE1, Sec. 26, T 10 N, R 19 W, M.P.H.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pump and pipe

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: August, 1958 - Commencement and April, 1963 - Completion
- 8. The depth of water table: 4'
- 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: Dug well, 20' deep, 3' diameter casing, 4" (inch) pipe.
- 10. The estimated amount of groundwater withdrawn each year: 110 million gallons
- 11. The log of formations encountered in the drilling of each well if available: Gravel
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None

Signature of Owner: Fred Bartels
Mary Bartels
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.

27165

#2357

I certify that I received and filed this
instrument on this 20th
day of Dec. 1963, at 9:42
A. M.
J. W. Moore
COUNTY RECORDER
By Shirley Keith
DEPUTY

GW

Approved Stock Form - State Publishing Co., Helena, Montana - 42234

File No.

T. 101 R. 19

DUPLICATE

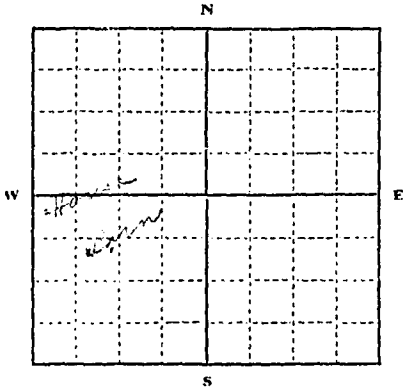
County avalli Co.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. R. J. & Beverly Pearson, of Stevensville
(Name of Appropriator) (Address) (Town)
County of avalli State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 S.W. Sec. 28 T. 10. R. 19.
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 & Cams
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Fall of 1929
Daily use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 14 gals per minute (House use)
14 gals per minute (Carn 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
Lawn & garden
Beer

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric pump (Household well)
Gravity flow from Carn well
2 1/2" pipe
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Commenced 1929 Completed in 1929 Household
Commenced 1957 Completed in 1957
8. The depth of water table About 50 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Household well - drilled well - 6 in" casing - 50 ft deep
Carn well - dug well - 4 ft" diameter 8 ft deep
cribbed well
10. The estimated amount of groundwater withdrawn each year 262,500 gal.
11. The log of formations encountered in the drilling of each well if available
Household well - clay, sand, gravel, sandstone
Carn well - clay & gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
Not available

Signature of Owner R. J. Pearson
Beverly Pearson
Date Dec. 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

37577

40178

I certify that I received and filed this
instrument on this 31st
day of Nov, 1963, at 3:02
o'clock P. M.
F. H. Moore
COUNTY RECORDER
By Shirley Keith
DEPUTY

File No.

T. 10 N R. 19 E

Ravalli County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

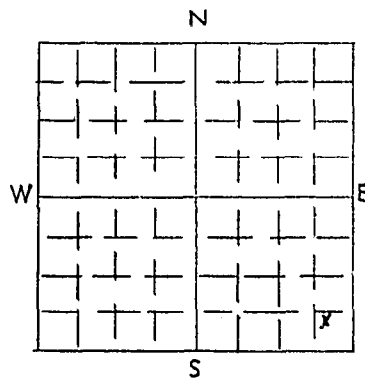
JAN 17 1964

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

1. Hancock Floyd M. Patricia M. of A. 1 Stevensville
HA (Name of Appropriator) YE (Address) (Town)

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

2. The beneficial use on which the claim is based. Stock, lawn, garden & household



S.E. 1/4 S.E. Sec. 22 T. 10 N. R. 19 E.
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1935
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 12 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. 1 acre level
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pumps

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1935
- 8. The depth of water table. 8 Feet
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 4' 4" dept. 4' 4" feet dug well with cement walls
- 10. The estimated amount of groundwater withdrawn each year. 50,000 gallons
- 11. The log of formations encountered in the drilling of each well if available. don't know
- 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. H. Floyd M. Hancock
Date. Dec 30, 1963

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

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

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

#2823

I certify that I received and filed this
instrument on this 31st
day of Dec., 1963, at 10:08
o'clock 11 M.

F. G. Morris
COUNTY RECORDER

By Shirley Keith
DEPUTY

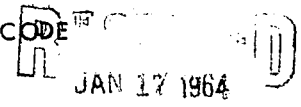
File No.

10070

T. 10 N. R. 27

Ravalli County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



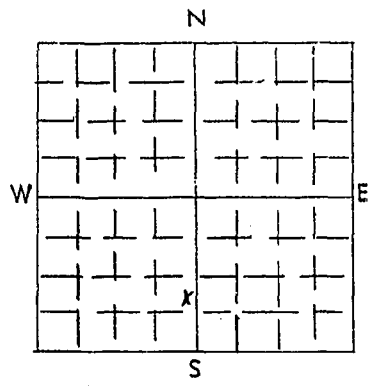
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. *Hanscomb, Floyd M. & Patricia M.* of *Rt. 1* *Stevenville*
(Name of Appropriator) (Address) (Town)

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

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



SE 1/4 SW Sec. 28, T. 10 N. R. 19.
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *1935*

4. The amount of groundwater claimed (in miner's inches or gallons per minute). *8 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.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *1935*

8. The depth of water table. *Stock tank is 10' by 2 feet by 1 1/2 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. *2920*

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. *Floyd M. Hanscomb*
Date. *Dist. 32, 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.

#2824

I certify that I received and filed this
instrument on this 31st
day of Nov. 1963 at 10:09
o'clock A. M.

F. W. Moore
COUNTY RECORDER

By Shirley Keith
DEPUTY

#5476

I certify that I received and filed this
instrument on this 16th
day of Aug, 1971, at 8:10
o'clock A.M.

F. G. Moore
COUNTY RECORDER

By Fee 2.00
DEPUTY

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 Mr. or Mrs. Rick Burger

Address 537 Hill

Missoula, Montana

Date well started Oct. 29, 1971

completed Nov. 1, 1971

For Administrator's Use	
File #	<u>5595 April 2, 1972</u>
Time	<u>11:00 am</u>
GW #	<u>1</u>

Type of well Drilled
(Dug, driven, bored or drilled)

Equipment used Churn Drill
(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

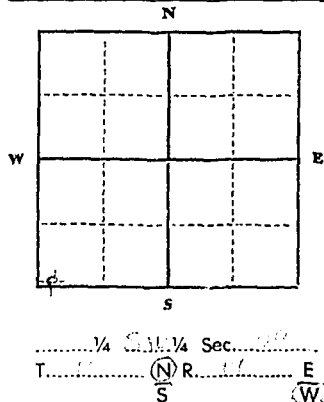
Industrial Drainage Other * Garden/Lawn

*Describe

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 unknown

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 lbs. per ft.	0	122	3/16x5	112	122



Static water level 72 ft.*
Pumping water level 117 ft.*
at 15 gallons per minute,
measured 180 minutes after pumping began.

*Measured from ground level.
Well developed by balling
for 3 hours.

Power..... Pump..... 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 Charles Webb, Jr. Ravalli Drilling Co.

Driller's Address Box 27, Victor, Montana

LICENSE NO. 200

10 19

County Ravalli

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	1	Topsoil
1	52	Sand, gravel
52	86	Clay, some sand
86	122	Intermittent layers Clay, sand, pea gravel Water bearing

122 Show exact depth of bottom

50,188

#55-95

I certify that I received and filed this
instrument on this 12th
day of April 1972 at 11:00
o'clock AM.

F. G. Moore
COUNTY RECORDER

BY Fee 2.00
DEPUTY