

County...Navalili

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE AUG 16 1972
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 George Vogt

Address Sula, Montana

Date well started June 19, 1972

completed June 19, 1972

Type of welldrilled

(Dug, driven, bored or drilled)

Equipment used ~~stern grill~~

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

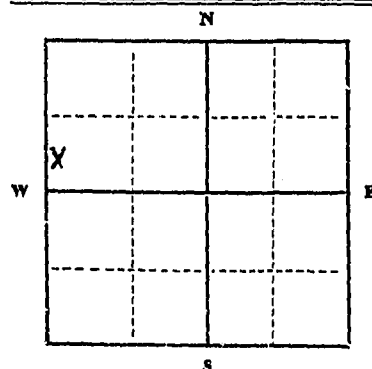
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***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 # per ft.	7	59	3/16x5	52	59



Static water level30.....ft.*
Pumping water level ...37.....ft.*
at20.....gallons per minute,
measured ..67..minutes after pumping
began.

*Measured from ground level.

'Well developed by ~~pumping~~

for ...4.....hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing,

packers, type of shutoff)

---one foot of gravel pack---

5h 1 1/4 Nk 1 1/4 Sec. 9
T. 1 N R. 19 2

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

Driller's Signature Charles W. Robb Jr.

Driller's Address Navalli Drilling Co., Victor, Montana

LICENSE NO....~~240~~.....

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

51,159

215692

I certify that I received and filed this
instrument on this 15th
day of Aug, 1922, at 2:45
o'clock PM

F. B. Moore
COUNTY RECORDER

Fee 2.00
DEPUTY

GW 3

File No.

DUPLICATE

T. 1N R. 18W

County Barrolli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 17 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner George Vogt Address Sula, Montana

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.....

Drain ditch

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

Irrigation (5 months)

Estimate 300 inches

Signature of Owner George Vogt

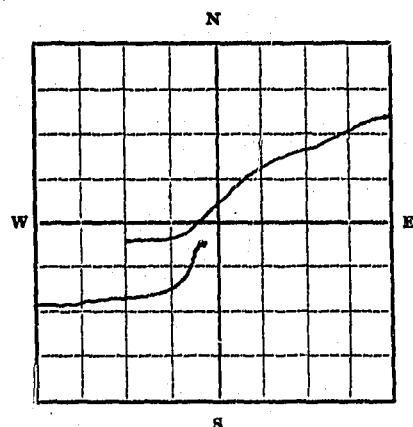
Date 8/15/62

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

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

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

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



NE 1/4 Sec. 9 T. 1N R. 18W tent estimate approximate lengths of periods of use

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

#2820

I certify that I received and filed this
instrument on this 31st
day of Dec 19 63 at 10:05
o'clock A. M.
F. G. Moore
COUNTY RECORDER
By Shirley Keith
DEPUTY

File No. _____

T. 19 R. 19 S. 9

DUPLICATE

Ravalli County

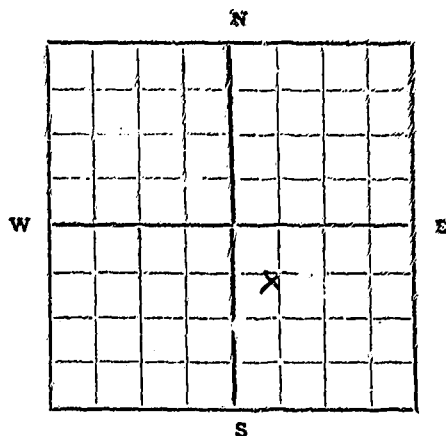
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1963

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

1. W. A. Wetzelton of Sula
(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:



NW 1/4 Sec 9 T. 1 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 Stock watering
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) 5 gallons per minute
5. If used for irrigation, give the acreage and description of the land 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 Oct. 1 to Oct. 15, 1958.
8. The depth of water table 15 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Driven sand point. 2 inch casing 20 feet deep.
10. The estimated amount of groundwater withdrawn each year 525,000 gallons.
11. The log of formations encountered in the drilling of each well if available Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner W. A. Wetzelton

Date Dec. 30, 1962

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

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

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

27426

#26142

I certify that I received and filed this
instrument on this 30th
day of Dec. 63 at 3:04
o'clock P. M.
J. W. Moore
COUNTY RECORDER
By Shirley Keith
CLERK

File No. _____

T. _____ R. 19

DUPLICATE

Ravalli County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

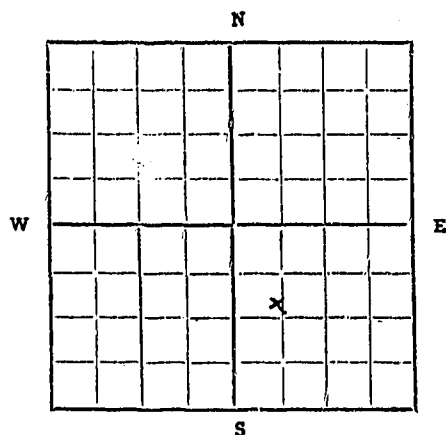
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. W. A. Wetstone of Sula
(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:



NW 1/4 Sec. 9 T1 R19

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

2. The beneficial use on which the claim is based Stock watering.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947; 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 Not 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 Completed Oct., 1947.
8. The depth of water table 15 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled 6 inch casing, 33 feet deep.
10. The estimated amount of groundwater withdrawn each year 525,000 gallons.
11. The log of formations encountered in the drilling of each well if available Not available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None.

Signature of Owner W. A. Wetstone

Date Dec. 30, 1963

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

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

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

27427

#2617

I certify that I received and filed this
instrument on this 30th
day of Dec 1963 at 3:05
o'clock P.M.

F. B. Moore
COUNTY RECORDER

By Shirley Keith
DEPUTY

File No.

T 1 R 19

DUPLICATE

Ravalli County

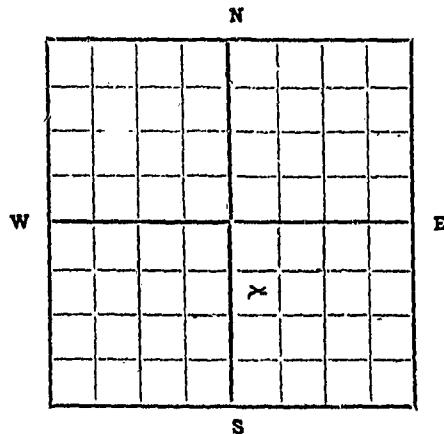
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

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

1. W. A. Wetgsteen, of _____, (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:



NW 1/4 SE 1/4 Sec. 9 T. 1 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 None
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1898; continuous until 1959.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 Hand pump and electric pump later.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Unknown.
8. The depth of water table 15 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Driven sand point 1 1/4 inch casing 18 feet deep.
10. The estimated amount of groundwater withdrawn each year 180,000 gallons.
11. The log of formations encountered in the drilling of each well if available Unknown.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None.

Signature of Owner W. A. Wetgsteen

Date 12-30-63

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

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

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

27424

#2614

I certify that I received and filed this
instrument on this 30th
day of Dec. 63 at 3:02
o'clock P.
F. G. Moore
County Recorder
By Shirley Keith
Deputy

File No.

T. 19 R. 19

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964
Ravalli County

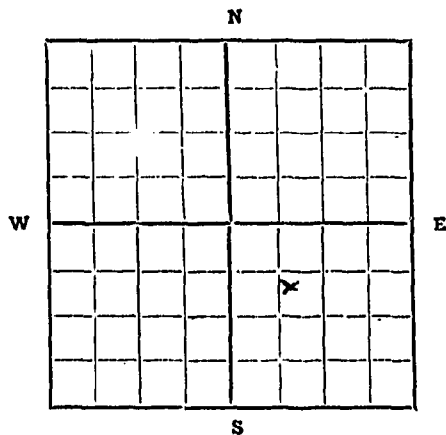
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. W. A. Wetzsteon of Sula
(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:



NW 1/4 SE 1/4 Sec. 9 T. 1 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 None
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959, constant use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not 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 May, 1959
8. The depth of water table 15 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled 4 inch casing 33 feet deep
10. The estimated amount of groundwater withdrawn each year 180,000 gallons
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner W. A. Wetzsteon

Date 12-31-63

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

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

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

#2615

I certify that I received and filed this
instrument on this 30th
day of Dec. 63, at 3:03
o'clock P. M.

F. B. Moore

COUNTY RECORDER

By

Shirley Keith

File No.

T. 12 R. 19W

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

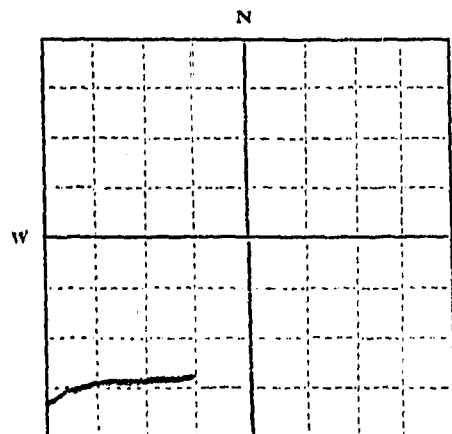
RECEIVED
JAN 8 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater when homesteadedOwner Paul Wetzstein Address SulaContractor (if any) Not applicableAddress of Contractor N. A.Date Started N. A. Date Completed N. A.

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

forming an intermittent stream.SW $\frac{1}{4}$ Sec. 9 T. 1N R. 19WIndicate 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 forlivestock watering for approximately eightmonths per year.Signature of Owner Paul WetzsteinDate Dec. 30, 1963

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

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

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

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

#2607

I certify that I received and filed this
instrument on this 30th
day of Dec. 1963 at 2:55
o'clock P.

J. W. Moore

COUNTY RECORDER

By Shirley Keith
DEPUTY

GW 2

MONTANA WATER RESOURCES BOARD

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—4232

File No.....

NOV 12 1969

T. 1 R. 194

DUPLICATE

County... Ravalli

LOG

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

12'-Sand Gravel and Boulders

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Edgar Watson Address Sula, Montana

C. F. Wroble

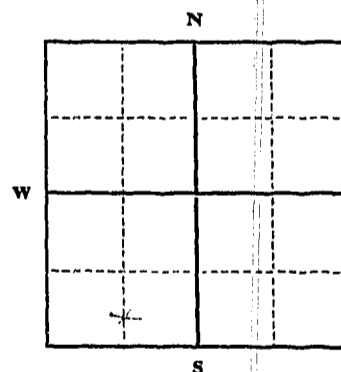
Driller Ravalli Drilling Co. Address Victor, Montana

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

21'-Sand gravel and
Boulders, Water BearingDate well started Oct. 15, 1969 Date completed Oct. 15, 1969Type 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)
6"	15 #/ft.	0	21	3/16x5	16	21

Static Water Level for non-flowing well
..... 7 feet.

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

Pumping Water Level..... 9 feetat..... 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Baled-2 hoursLength of Test pumped-1 hour

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

S 1/4 SW 1/4 10 1 19 W
1/4 Sec. 10 T. 1 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.

62
Driller's License NumberC. F. Wroble
Driller's Signature

15843

Gw.

File No.

T 12 R 19 11

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

Ravalli County

JAN 8 1964

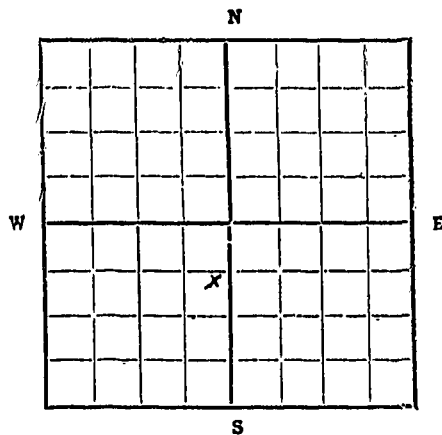
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Marvin C. Metterson, of Lula
(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:



NE 1/4 SW Sec. 11 T. 1 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 Household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1925 - Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 Gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 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 withdrawn by pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Spring of 1925
8. The depth of water table 10 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater type - drilled well
Size - 4 inch casing 25 feet deep
10. The estimated amount of groundwater withdrawn each year 182,500 gallon
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 unable to state any if any

Signature of Owner Marvin C. Metterson

Date Dec 30, 1963

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

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

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

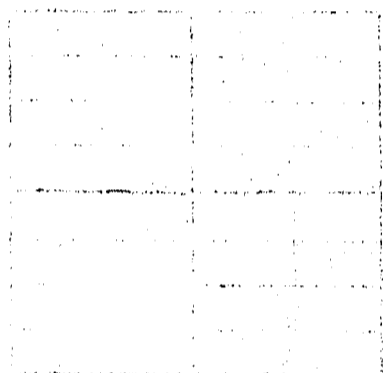
27428

#2618

I certify that I received and filed this
instrument on this 30th
day of Dec. 63 at 3:06
o'clock P. M.

F. H. Moore
COUNTY RECORDER

By Shirley Keith
DEPUTY



RECORDED
INDEXED
FILED
DEC 30 1963
COUNTY CLERK

County Ravalli

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

OCT 21 1970

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.

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 John McClintic

Address Sula, Montana

Date well started Sept. 27, 1970

completed Sept. 29, 1970

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

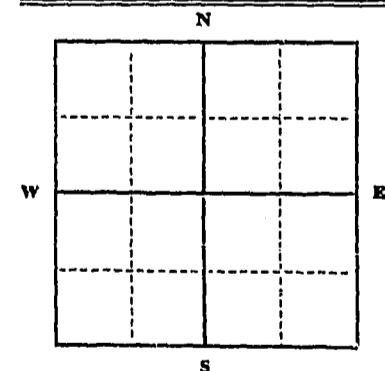
Industrial ☐ Drainage ☐ Other: ☐* Garden/Lawn ☐

*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		
8"	17 lbs. per ft.	0	34	Kind Size	From (Feet)	To (Feet)
				3/16x5	29	34



Static water level 41 ft.*
Pumping water level 51 ft.*
at 20 gallons per minute,
measured minutes after pumping began.

*Measured from ground level.
Well developed by baling & pumping
for 24 hours.

Power Pump HP

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

5/8 1/4 2 1/4 1/4 Sec. 16
T. 1 N R. 17 E
5 W

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

Driller's Signature Ravalli Drilling Co.

Driller's Address Box 27, Victor, Montana

LICENSE NO. 200

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	2	Topsoil
2	14	Sand, Gravel
14	21	Sand, Gravel, Large boulders - tight pressed
21	34	Sand, Gravel water bearing

34

Show exact depth of bottom

47654

#5343

I certify that I received and filed this

instrument on this 19th

day of Oct 19 20 at 10:50

o'clock A.M.

J. S. Moore

COUNTY RECORDER

By Lee 2.00

DEPUTY

RECEIVED

DRILLER'S LOG

OCT 21 1970

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.

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 John McClintic

Address Sula, Montana

Date well started Sept. 27, 1970

completed Sept. 29, 1970

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

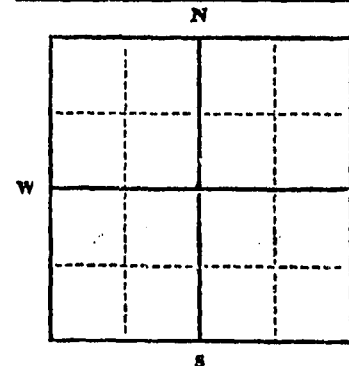
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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 22,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	Kind Size	From (Feet)	To (Feet)
8"	17 lbs. per ft.	0	24	3/16x5	20	34



Static water level 41 ft.*
Pumping water level 21 ft.*
at 20 gallons per minute,
measured minutes after pumping began.

*Measured from ground level.
Well developed by hydraulic
for 21 hours.

Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Sec. 1/4 24 1/4 Sec. 16
T. 1 N. R. 17 E. 5
W

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

Driller's Signature Navalli Drilling Co.

Driller's Address Box 27, Victor, Montana

LICENSE NO. 900

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	2	Topsoil
2	14	Sand, Gravel
14	21	Sand, Gravel, Large boulders - tight
21	24	Sand, Gravel water bearing

34

Show exact depth of bottom

47654

GW 3 2008
File No. 2008
DUPLICATE

Approved Blank Form—State Publishing Co., Helena, Montana—42199

T 1N R 19W
County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 20 1963

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1922

Owner John W. McClintic Address Sula, Montana

Contractor (if any) None

Address of Contractor None

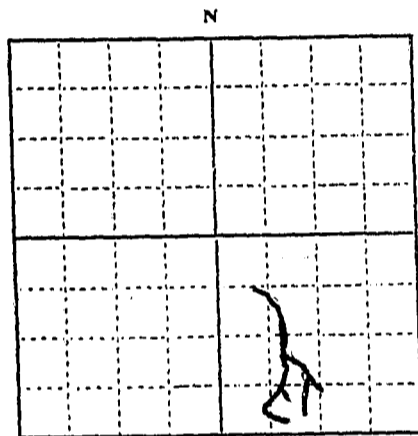
Date Started June 1922 Date Completed September 1923

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Three drain ditches collecting ground water and brought together for irrigation on land just north of the collection point.

Depth approximately three feet.

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. Fifty inches of water collected for use in summer irrigation period, May 1 to September 1.



SW 1/4 SE Sec. 16 T. 1 R. 19W

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

Signature of Owner John W. McClintic

Date Dec. 18, 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.

10999

I certify that I received and filed this
instrument on this 18
day of Dec, 1963, at 4:20
o'clock P.M.

F. H. Moore
COUNTY RECORDER

By _____
DEPUTY

RECORDED

INDEXED

File No. 1976

T 1^N R 19W

DUPLICATE

County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

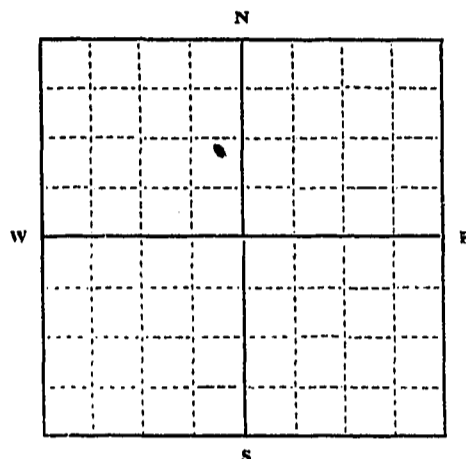
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John W. McClintic, of Sula
(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:



SE 1/4 NW Sec. 16 T. 1 R. 19W

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 use
and yard irrigation

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been 1947 continuous daily use.

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 200 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
Lawn and vegetable garden about one-eighth
acre. N.E. 1/4 of S.E. 1/4 of N.W. 1/4 of Section
16 Township 1, R 19W John W. McClintic

6. The means of withdrawing such water from the ground and the loca-
tion 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 with-
drawal of groundwater About September 1947

8. The depth of water table 6 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 Depth 20 ft. 5 inch casing

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

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

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

John W. McClintic
Date Dec 16, 1963

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

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

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

9865

I certify that I received and filed this
instrument on this.....16th.....
day of.....Dec....., 19..63....., at 3:20
o'clock.....P.....M.

E. H. Moore
COUNTY RECORDER

By.....
DEPUTY

GW 3

File No. 1975

DUPLICATE

T 1 N R 19W

County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater May 1, 1960

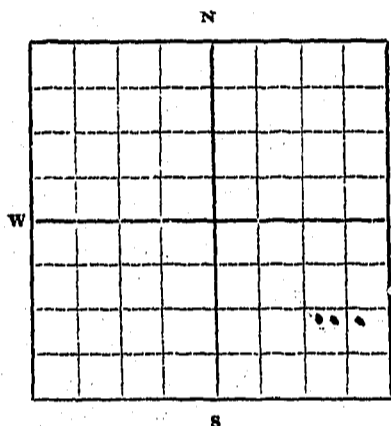
Owner John W. McClintock Address Sula, Montana

Contractor (if any) None

Address of Contractor None

Date Started May 1, 1960 Date Completed May 5, 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water comes to surface in natural springs, which form a unnamed stream which is piped into three 300 gal drinking/watering or drinking troughs for stock use.



S.E. 1/4 SE Sec 16 T. 1 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 estimate approximate lengths of periods of use

From May 1st to November 1st.

Signature of Owner John W. McClintock

Date Dec 16, 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.

9864

I certify that I received and filed this
instrument on this.....16th.....
day of.....Dec....., 19 63..... at 3:15
o'clock.....P.....M.

F. S. Moore
COUNTY RECORDER

By.....
DEPUTY

GW3

File No.....

DUPLICATE

T.1 N. 1/4 R. 19 West

County ROCK

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 31 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater NATURAL STREAM

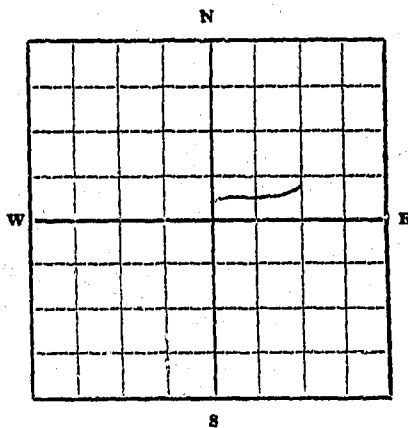
Owner R. R. MCKEE Address SUBA MOUNT.

Contractor (if any) NONE

Address of Contractor SAME (NONE)

Date Started 0 Date Completed 0

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



..... 1/4 Sec. 16 T. 1 N. R. 19 W.
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

200 INCHES APPROX.
USED IN PART YEAR AROUND

Signature of Owner R. R. McKee
Robert D. McKee
Date 12-12-63

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

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

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

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

16779

2286

I certify that I received and filed this
instrument on this 27
day of Dec 1943, at 2:36
o'clock P.M.

F. J. Moore
COUNTY RECORDER

By _____
DEPUTY

File No.

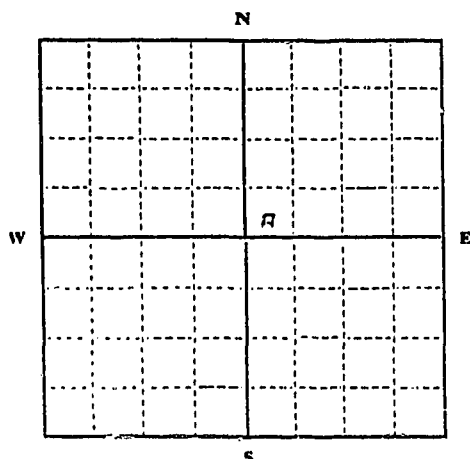
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T1 North 19 West
County RAVALLIRECEIVED
DEC 31 1963

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

1. ROBERT R. McKEE, of SKIA
(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. 16 T. 19 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 HOUSEHOLD USE
3. Date or approximate date of earliest beneficial use; and how continuous the use has been ARROY 1921 CON-TINUOUS USE
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 G.A.L. PR. MIN.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
NONE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1921
8. The depth of water table 15 FT.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
5 1/2 IN. CASEING DRIVEN 15 FT.
10. The estimated amount of groundwater withdrawn each year 35,000 G.A.L.
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 APPLICABLE

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.

16780

2287

I certify that I received and filed this
instrument on this 27
day of Dec., 1963, at 2:37
o'clock P.M.

F. G. Moore
COUNTY RECORDER

EX-101

27

21 DEC 1963

No. 249

T. 14 N. R. 19 E. 17
County.....

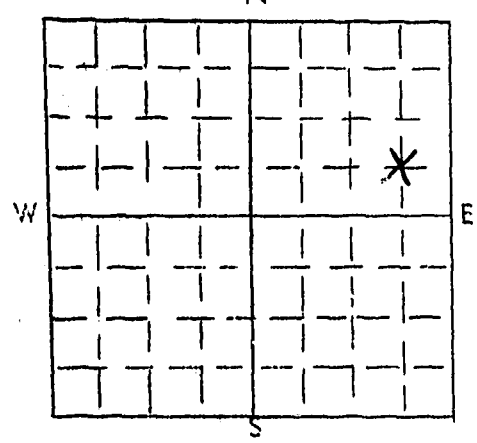
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 17 1964
STATE ENGINEER

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

1. **Elmer G. Poll** of **Sula**
(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: N



... 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 **domestic, irrigation, stock, fire control, etc.**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **#1 1928**
#2 1956
#3 1960 **all continuous**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **#1 3.3 gallons per minute**
#2 5 gallons per minute **#3 130 gallons per minute.**
5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof **3.4 acres, Owners, Elmer G. and Loreta M. Poll**
IN SE 1/4 NE 2
Section 17, Township 1 North, Range 19 West.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. **electric and gas pumps.**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. **#1-- 1928**
#2-- 1956
#3-- 1960
8. The depth of water table. **two to five 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. **#1-- 1 1/2" sandpoint driven 12 feet deep**
#2-- 4" casing drilled 10 feet deep, **#3-- 36" casing dug 10 feet deep.**
10. The estimated amount of groundwater withdrawn each year. **20,000,000**
11. The log of formations encountered in the drilling of each well if available. **rock and 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 applicable.**

Signature of Owner **Elmer G. Poll**
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.

37255

#2792

I certify that I received and filed this
instrument on this 31st
day of Dec. 63 at 9:38
o'clock P.
F. G. Moore
COUNTY CLERK
By Shirley Keith
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

(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 Floyd Seeger

Address Sula, Montana

Date well started March 26, 1973 GW 11:20 A.M.

completed March 26, 1971

Type of well drilled well

(Dug, driven, bored or drilled)

Equipment used ~~charge~~ drill

(Churn, drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

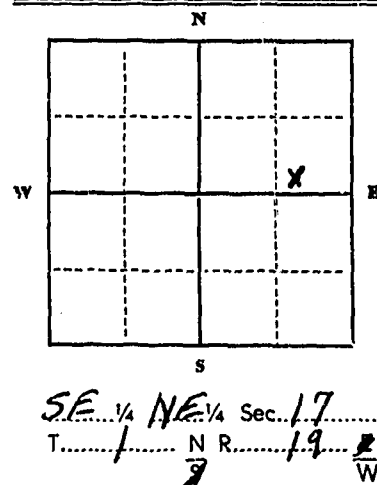
Industrial ☐ Drainage ☐ Other ☒* Garden/Lawn ☐

***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 1/2 / Ft	0	23	3/16 x 5	18	23



Static water level3.....ft.*
Pumping water level ..18.....ft.*
at20.....gallons per minute,
measured50.....minutes after pumping
began.

*Measured from ground level.

Well developed by 10/10/00
for 12 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 John P. Smith

Driller's Address Reynolds Drilling Co., Victor, Mont.

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)

[illegible]

23

Show exact depth of bottom

52,817.

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.

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 Floyd Ray Saecker

Address Sula, Montana

For Administrator's Use

File 5856

April 4, 1973

Date well started March 26, 1973 GW: 11:20 A.M.

completed March 26, 1973

Type of well drilled well

(Dug, driven, bored or drilled)

Equipment used chain drill

(Church, drill, rotary or other)

Water Use: Domestic ☒ Municipal ☒ Stock ☐ Irrigation ☐

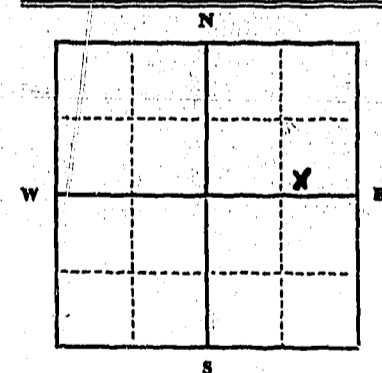
Industrial ☐ Drainage ☐ Other ☒ Garden/Lawn ☐

*** 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#/ft	0	23	3/16x5	18	23



Static water level3.....ft.*
Pumping water level18.....ft.*
at20.....gallons per minute,
measured60.....minutes after pumping
began.

*Measured from ground level.
Well developed by pumped
for 12 hours.

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

SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17
T. 1 N R. 19 W

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

Driller's Signature Charles W. Wolfe

Driller's Address Ravalli Drilling Co., Victor, Mont.

LICENSE NO.....200.....

23

Show exact depth of bottom

52,817.

5856

RECEIVED BY THE
RECORDING OFFICE
AT THE COUNTY CLERK'S OFFICE

RECEIVED BY THE
RECORDING OFFICE
AT THE COUNTY CLERK'S OFFICE

I certify that I received and filed this
instrument on this 4th
day of April 19 73, at 11:20
o'clock A. M.

Barbara E. Hughes
COUNTY RECORDER

By Jim L. Co
Deputy

File No.

T. 14 R. 19

DUPLICATE

County

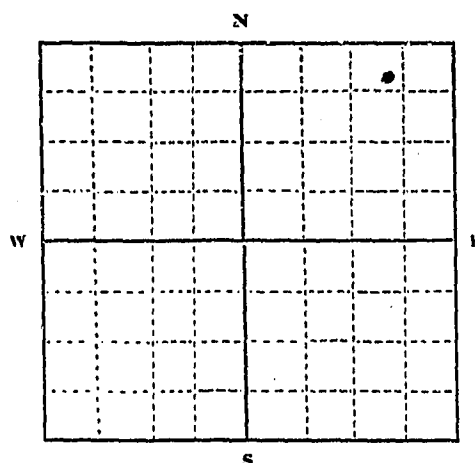
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. DALTON and Elsie May Tessier, of 1004 Marcus HAMILTON
 (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:



NE 1/4 NE Sec. 21 T. 1 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 + irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1910
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
8 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Laurel
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
well and 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
10-20 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.
dug well - 4 in. pipe - 25 ft.
10. The estimated amount of groundwater withdrawn each year
109,500 gal. per year
11. The log of formations encountered in the drilling of each well if available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Dalton Tessier
Elsie May Tessier

Date Jan 3 - 64

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.

37817

4254

I certify that I received and filed this
instrument on this.....^{3rd}
day of Jan 54 at 10:50
o'clock.....A.M.

F. G. Moore

COUNTY RECORDER

By

Shirley Keith

DEPUTY

RECEIVED
APR 14 1958

T. 1N R. 19W

County Ravalli

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

X			

Owner U.S. Forest Service Address Hamilton, Mont.

Driller Norman Ray Address Hamilton, Mont.

Date Started 2/6/58 Date Completed 2/18/58

Location: Sec. NW 1/4 SW 1/4 T. 1N R. 19W 1/4 sec. SW 1/4

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

Water use: Domestic [X] Municipal [] Stock [] Irrigation []
Industrial [] Drainage [] Sula Range Station
Other: Residence and Cookhouse

Casing: 0 ft. to 54 ft. Standard I.D well casing
Type 24 lb. per ft. Size 8"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 30' level to ft. 45' level Ft. to ft.

Type of screen or perforations 2" openings, Six per foot.

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

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

Pumping water level 30' feet at 100 to 150 gal. per min.

How tested: Air pressure and measuring the flow.

Length of test Two Hours.

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

Struck first water at about 5' - from 15' to 28' dry hole. Struck a good flow of
water at 28' to 41' , 45' to 67', dry hole. Hit bedrock at 54'

(over)

Log of Well

[illegible]

DUPLICATE

Sula Ranger Station - State Lease Ravalli County
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
 0' to 2' soil & small boulders
 (Elev. above sea level 4700)
 2' to 6' boulders & mixed clay
 6' to 18' hard granite (rock gray)
 (decomposed)

20' static, water level
 18' to 26' reddish &
 sand (clay mixed)
 26' trace water approx.
 4 G.P.M.

26' to 51' clay bound,
 reddish sand

51' to 58' same as above.

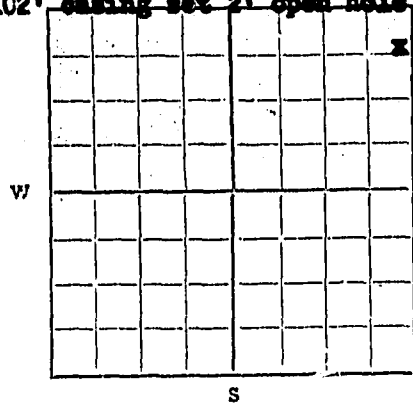
58' to 62' gray granite (shot)

62' to 74' same (shot)

74' to 80' layer solid
 gray clay

Gray granite 83'
 perforation 81½' to 84'
 shot 85'

Water increased
 98' gray granite (shot)
 Perforation 96' to 98'
 102' casing set 2' open hole



NE ¼ Sec. 28 T. 1N R. 19W

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

Show exact depth of bottom

Owner: USDA, Forest Service Address: Hamilton, Montana
 Driller: Mrs. Norman Ray & Sons Address: Grantsdale, Montana
 (Gerald Quigley)
 Date of Notice of Appropriation of Groundwater: None
 Date well started: 7/6/62 Date Completed: 7/31/62
 Type of well: drilled Equipment Used: drill
 (dug, driven, bored or (Churn, drill, rotary or
 drilled) other)
 Sula Ranger Station
 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)
Gray granite 83' perforation 81½' to 84' shot 85'	8"	8" I.D. seamless steel 18.5 lbs. per ft.	0	102	Knife	81½'	84'
					10 shot	96'	98'

Static Water Level for non-flowing Well 18 feet.

Shut-in Pressure for Flowing Well ---

Pumping Water Level 45 feet at 102 gal. per minute.

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

How Tested compressor & bailer Length of Test 3 hrs.

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

acres irrigated, if used for irrigation)

To be used for domestic water for administrative offices, 5 or 6 residences, mess hall and bachelor quarters and fire protection.

3/21
 Driller's License Number

Gerald Quigley
 Driller's Signature

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

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

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

#1665

I certify that I received and filed this instrument on this 29th day of Oct., 1962, at 3:51 o'clock P.M.

Anthony Hork

COUNTY RECORDER

By Shirley Leith DEPUTY

File No.

T. 12 R. 19W

DUPLICATE

County DEWEE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

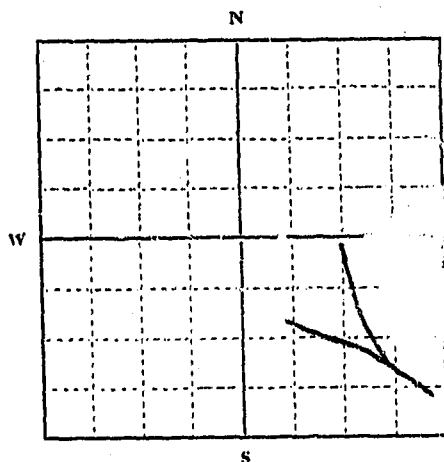
JAN 8 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... When homesteadedOwner... Paul Wetzsteon Address... SulaContractor (if any) ... Not applicableAddress of Contractor... N. A.Date Started... N. A. Date Completed... N. A.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable... Series of small springs forming an intermittent stream.



SE 1/4..... Sec. 33 T.1N. 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

estimate approximate lengths of periods of use... Used for livestock watering for approximately eight months per year.

Signature of Owner... Paul WetzsteonDate... Dec. 30, 1963

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

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

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

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

#2608

I certify that I received and filed this
instrument on this 30th
day of Dec, 1963, at 2:56
o'clock P.M.
F. H. Moore
COUNTY RECORDER
By Shirley Keith
DEPUTY

File No. 2209T. 1 N R. 19 W

DUPLICATE

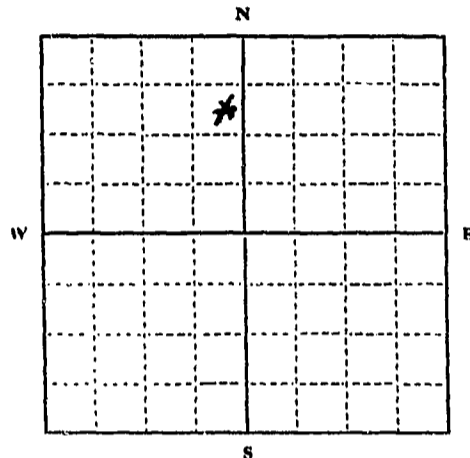
County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

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

1. Otto Badger, of Sula
(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:



NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34, T. 1 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 - used in 4 dwellings - gardens, & lawns
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1916 - constant use
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 NE $\frac{1}{4}$ NW $\frac{1}{4}$ SEC 34 T. 1 N. R. 19 W
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump. SE $\frac{1}{4}$, NE $\frac{1}{4}$, NW $\frac{1}{4}$, SEC 34 T. 1 N. R. 19 W
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1916 - commenced & completed
8. The depth of water table about 20 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Depth of well around 50 feet which is somewhat below the surface water, or the upper water table.
10. The estimated amount of groundwater withdrawn each year 1,000,000 gallons
11. The log of formations encountered in the drilling of each well if available Decomposed granite.
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 N/A

Signature of Owner Otto Badger

Date December 26, 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.

15700

I certify that I received and filed this
instrument on this 26
day of Dec, 1963, at 4:42
o'clock P.M.

F. H. Moore
COUNTY RECORDER

By _____
DEPUTY

GW 3

File No. 2208

DUPLICATE

T. 1 N R. 19 W

County Beavertown

RECEIVED
DEC 30 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1892

Owner Otto Badger Address Sula, Mont.

Contractor (if any) none

Address of Contractor none

Date Started none Date Completed none

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Sub irrigation and surface irrigation from spring. Flood water irrigation from ditches carrying water from spring.

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

Signature of Owner Otto Badger

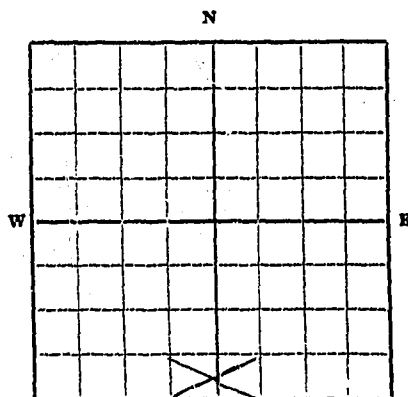
Date December 26, 1963

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.



SE 1/4, SW 1/4
SW 1/4, SE 1/4 Sec. 34 T. 1 N. R. 19 W.
Indicate point of appropriation and place of use, if possible.

I certify that I received and filed this
instrument on this 96
day of Dec 19 63, at 4:41
o'clock P.M.

F. H. Moore
DEPUTY RECORDER

DEPUTY

County Montealla

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 Otto Badger

Address Sula, Montana

Date well started Nov. 29, 1971

completed Nov. 30, 1971

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

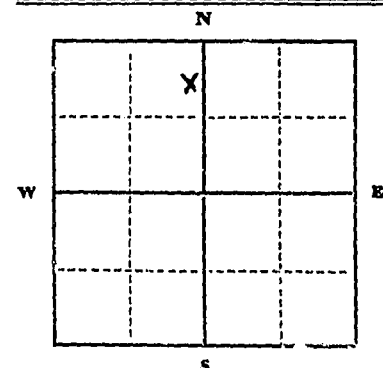
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 Drill Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 lbs. per ft.	0	33	3/16x5	28	33



NE 1/4 NW 1/4 Sec. 34
T. 1 N R. 19 E
S W

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

Driller's Signature Charles W. Badger Montealla Drilling Co.

Driller's Address Box 27, Victor, Montana

LICENSE NO. 250

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	3	Open hole
3	14	Decomposed granite sands
14	33	Sand, gravel, boulders water bearing

33 Show exact depth of bottom

49600

#5545

10

I certify that I received and filed this
instrument on this 15th
day of Dec, 1971, at 11:50
o'clock AM.

F. G. Moore
COUNTY RECORDER

By Fee 2.00
Deputy

GROUNDWATER INDEX

Page 1 of 1

County Ravalli Twp. 1 North Rge. 10 West

[illegible]

County Navajo

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.

Michael Craig
~~Mike Craig~~

Owner Mike Grage
Address Sula, Montana

Date well started April 12, 1973

completed April 14, 1973

Type of well drilled well

(Dug, driven, bore, or drilled)

Equipment used chuzo drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

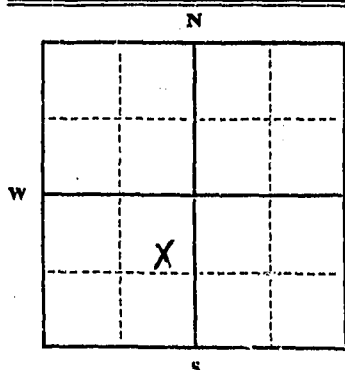
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***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#/26	0	35	3/16x5	25	35



Static water level12.....ft.*
Pumping water level32.....ft.*
at18.....gallons per minute,
measured60.....minutes after pumping
began.

*Measured from ground level.
Well developed by beiling
for 4 hours.

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

NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6
T. 1 N. R. 18 E. $\frac{1}{4}$ W

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

Driller's Signature Charles W. Webb

Driller's Address Ravalli Drilling Co., Victor, Mont.

LICENSE NO...200

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.

DRILLER'S LOG

Top of Ground

(Elev. above sea level)

[illegible]

35 Show exact depth of bottom

53,078

5889

I certify that I received and filed this
instrument on this 3rd
day of May, 1923, at 11:56
o'clock A.M.

Darlene E. Hughes
COUNTY RECORDER

By H. W. Jones
DEPUTY

File No.

DUPLICATE

RECEIVED

OCT 14 1970

T. 1N R. 18W 32

County Beavalli

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice 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 pit

4

4 tan clay, sand & gravel

13

13 tan clay, sand,
gravel & boulders

22'6"

23'6" sand, gravel and
water

27'6"

Owner CLAIR PARKER Address Box 114
SULA, MONTANADriller KEN WILLIAMS Address 1558 S. 5th N.
MISSOULA, MONTANA

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

Date well started AUG. 1, 66 Date completed AUG. 2, 66Type 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.

Doc. No. 53-34 6" I.D.

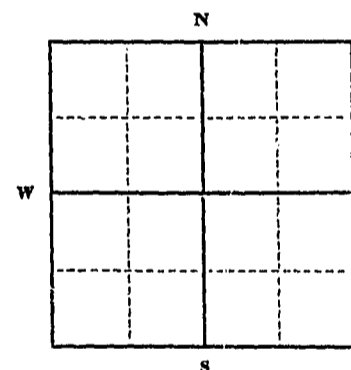
Filed for record

this 13 day of October

A. D. 19 70, at 2:10

o'clock P M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	6 5/8" O.D.		27'6"			
	17 lbs. ground level					
	4" side wall					



1/4 Sec. T. R.

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

Static Water Level for non-flowing well

16 feet.

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

Pumping Water Level 27 feetat 35 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested bail testLength of Test 3 hours

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.

151

Driller's License Number

Kenneth Williams

Driller's Signature

47628

#5334

I certify that I received and filed this
instrument on this 13th
day of Oct, 1920, at 2:10
o'clock P.M.

E. G. Moore
COUNTY RECORDER

By Lee 2.00
DEPUTY

MONTANA WATER RESOURCES BOARD
Water Resources Division
Mitchell Building
Helena, Montana 59601

MONTANA WATER RESOURCES BOARD
RECEIVED

NOV 16 1970

Recently a copy of a groundwater appropriation form,

- ☐ GW 1, Notice of Appropriation of Groundwater
- ☒ GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- ☐ GW 3, Notice of Completion of Groundwater Appropriation without Well
- ☐ GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Clair Parker

Address Box 114, Sula, Montana

Location T. R. Sec.

Document No. 5336

- ☐ This is to inform you that your GW form has been received and is complete as filed.
- ☒ This is a request for additional information if available. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please provide the location of the well by township, range, and section number on the enclosed form.

☐ Other.



Show exact depth of bottom.

acres.

(Continue on reverse side)

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

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

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

151
Driller's License Number

Harold Williams
Driller's Signature

47628

DUPLICATE

OCT 14 1970

T.....R.....
County Beauregard

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice 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 pit
4
4 tan clay, sand & gravel
13
13 tan clay, sand,
23'6" gravel & boulders
23'6" sand, gravel and
27'6" water

Owner CLAIR PARKER Address SULA, MONTANADriller KEN WILLIAMS Address 1558 S. 5th W.
MISSOULA, MONTANA

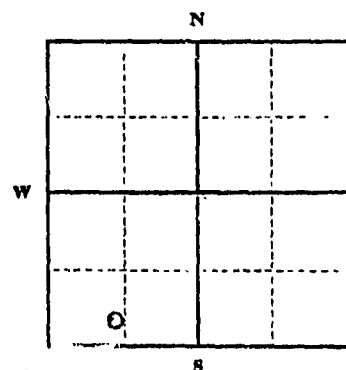
Date of Notice of appropriation of groundwater.....

Date well started AUG. 1, 66 Date completed AUG. 2, 66Type 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.

Doc. No. 5334 6" I.D.
Filed for record
this 13 day of October
A. D. 19 70, at 2:10
o'clock P.M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	<u>6 5/8" O.D.</u>		<u>27'6"</u>			
	<u>17 lbs. ground level</u>					
	<u>1/2" side wall</u>					

Static Water Level for non-flowing well
.....16.....feet.

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

Pumping Water Level.....22.....feetat.....35.....gal. per minute.

Discharge in gal. per min. of flowing well

How Tested.....bail test.....Length of Test.....3 hours.....

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

1/4 Sec. 22, T.1N.R.1W
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.

151
Driller's License NumberKen Williams
Driller's Signature

47628

STATE WATER CONSERVATION BOARD

File No.

SEP 6 1966

T. 1 N. R. 18 W. Sec. 7 N 6

DUPLICATE

County Missoula

LOG Billie _____ McDermott _____

Butzorn _____ McHally _____

Cagle _____ Morton _____

Danderton _____ Gullivan _____

Dickett _____

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

0 pit

7 brown clay, sand, gravel

17 tan clay, sand, gravel and boulder

30 boulder, sand, gravel & water

37'6"

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

LORRINE KESKKE METCALF

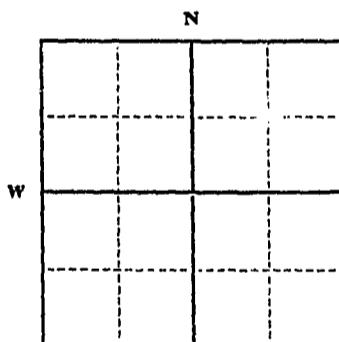
Owner ELSP. METCALF Address P.O. BOX 405, SILVERDriller KEN WILLIAMS Address 1553, S. 5th W. Missoula

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

Date well started July 27, 66 Date completed July 30, 66Type 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)
6" I.D.	6 5/8" O.D. 17 lbs. 1" side wall	GROUND level	37'6"			



Pt H E Survey # 947
Sec. 7 & 6 T.1 R.18

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

Static Water Level for non-flowing well
.....25'.....feet.

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

Pumping Water Level.....36'.....feet
at.....35'.....gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BAIL TEST

Length of Test 3 HOURS

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.

Driller's License Number 151

Kenneth L. Williams
Driller's Signature

41,366

#4861

170601

I certify that I received and filed this
instrument on this 2nd
day of Sept., 19 66 at 2:35
o'clock P. M.

/F. G. Moore

COUNTY RECORDER

By

Mary M. Dugan
DEPUTY

Fee \$2.00