





File No. ....

T. 5 R. 11

DUPLICATE

County Deer Lodge

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 9 1964  
STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

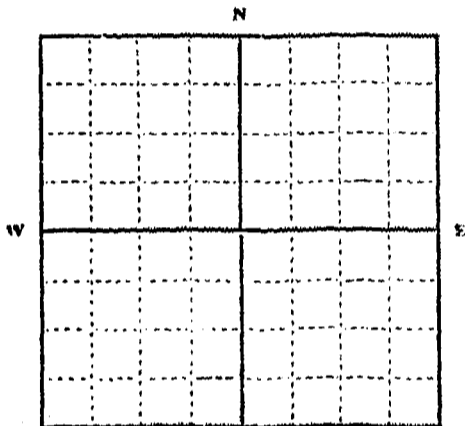
Owner George H. Havens Address Sta. 1 Box 200 Anaconda  
Montana

Contractor (if any) None.....

Address of Contractor None.....

Date Started None..... Date Completed None.....

Describes means of obtaining groundwater without a well "as by  
sub-irrigation and other natural processes". Include depth to  
water when applicable. Sub-irrigation with drain  
ditches, surface water.



H.E.S. #80 15-9-10-16  
1/4 Sec. 5 T. 5 R. 11

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.....

None developed

Signature of Owner George H. Havens

Date 12/29/63

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.

81487

FILED FOR RECORD

Dec 29 1903

at 06 minutes past 12 o'clock

P. M. ANNA QUIGLEY

County Recorder

Mary McNamee

*Handwritten notes:*  
12/29/03  
12/29/03  
12/29/03

2  
M

3

File No. ....

T. 3 R. 11

DUPLICATE

County Deer Lodge

JAN 9 1964

D

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

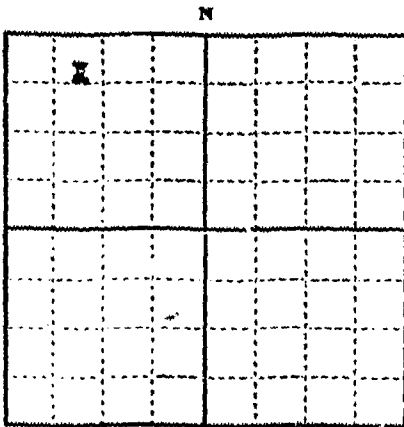
ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, George W. Havens, of Rte. 1 Box 200, Anaconda, Montana  
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 15 T. 3 R. 11  
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, fire protection, watering of surrounding ground.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930, constant use since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Not applicable

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 other than lawn.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Original well established in 1930, electric pump installed 1950

8. The depth of water table 9 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 ft. x 30 ft. depth

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

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Not applicable

Signature of Owner George W. Havens

Date 12/29/63

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

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

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

28674

81347

11 2 3 4

and used for filing for record

of the

of the

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of the

FILED FOR RECORD

at 11 minutes past 10:00 o'clock  
A. M. ANNA QUIBLEN

*May W. Kanner*



97853

FILED FOR RECORD

July 12 1972  
at A minutes past 11 o'clock  
A. M.

HELEN L. LOVELL  
County Recorder

By Marion L. Steyer  
Deputy

203

Date Issued \_\_\_\_\_  
STATE OF MONTANA  
COUNTY OF DEER LODGE

This is to certify that the above document is a true and correct copy of the information shown on the duplicate record as filed in this office on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_

In Witness Whereof  
Clerk & Recorder

By \_\_\_\_\_

*Handwritten:* 6-15-72

*Vertical handwritten:* 1972 JUL 12 11:00 AM

*Vertical handwritten:* 1972 JUL 12 11:00 AM





96097

**FILED FOR RECORD**

*September 20 19 71*

at \_\_\_\_\_ minutes past 3 o'clock

P. M.

*John L. Lovell*

County Recorder

By *Mary Lane*

Deputy

File No. ....

T. 5 R. 11

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

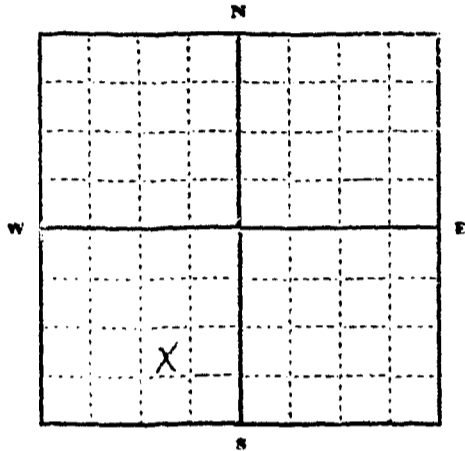
STATE ENGINEER  
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1 HUBERT R CARLSON, of BOX 15 CABEL RD. ANACONDA  
(Name of Appropriator) (Address) (Town)

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



DE 1/2 SW 1/4 Sec 19 T. 5 R. 11

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

2. The beneficial use on which the claim is based. HOUSE HOLID USE
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1943 USED DAILY
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 200 GALLONS 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. USED FOR WATERING GRASS AND FLOWERS IN SUMMER
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. WATER IS PUMPED TO HOUSE WELL IS LOCATED 60' SOUTH OF HOUSE
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. 20'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. ONE WELL - ABOUT 20' DEEP WATER IS OBTAINED FROM UNDER GROUND SPRING
10. The estimated amount of groundwater withdrawn each year.
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 Hubert R. Carlson

Date 1-2-64

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.

32156

81616

FILED FOR RECORD

January 9 1964  
at 30 minutes past 2 o'clock  
P. M. HENR. QUIGLEY

Paul Mc Carthy  
County Recorder  
Dubuque

File No. ....

DUPLICATE

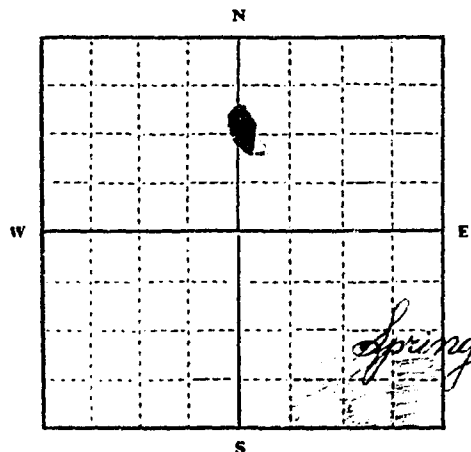
T. 5N R. 11W  
County: Deer Lodge  
RECEIVED  
JAN 9 1964  
STATE ENGINEER

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Russell Rosalie Jones, of West Valley, Anaconda  
(Name of Appropriator) (Address) (Town)  
County of Deer Lodge State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 19 T. 5N R. 11W.

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

- The beneficial use on which the claim is based: *Agriculture (irrigation, livestock water) and for household use.*
- Date or approximate date of earliest beneficial use; and how continuous the use has been: *April 13, 1903. In constant use.*
- The amount of groundwater claimed (in miner's inches or gallons per minute): *All of water from springs (approximately 10 gal. per minute).*
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: *40 to 50 acres located on sections 19 and 30, T. 5N R. 11W. Owner: Rosalie Jones, West Valley, Anaconda, Montana.*
- The means of withdrawing such water from the ground and the location of each well, or other means of withdrawal: *Water runs by gravity (comes to surface by natural means) then runs into man-made dam.*
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: *no well drilled*
- The depth of water table: *approximately 85 ft*
- 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: *Earth and rock filled dam built to hold water for irrigation etc.*
- The estimated amount of groundwater withdrawn each year: *5,250,000 gallons*
- The log of formations encountered in the drilling of each well if available: *no drilling done. recorded in Book 5 of Water Rights, page 96.*
- 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: *filed for record May 13, 1903 records of Deer Lodge County, Mont.*

Signature of Owner: *Russell Jones*  
Date: *January 2<sup>nd</sup> 1964*

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

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

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

81499

**FILED FOR RECORD**

December 31 1963  
at 18 minutes past 120 o'clock  
P.M. ANNA QUIGLEY

Carol Mc Carthy  
County Recorder  
Deputy

File No. ....

T. 5<sup>th</sup> N. R. 11 W.

DUPLICATE

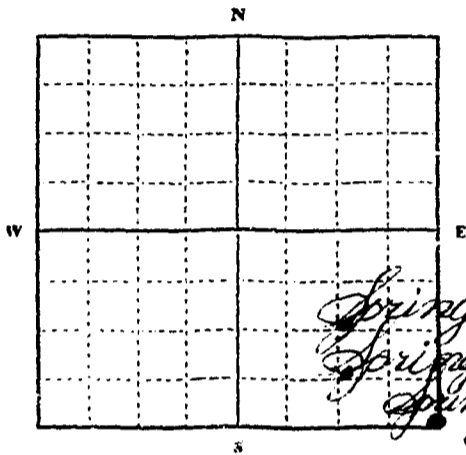
County: Deer Lodge

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Russell & Rosalie Jones, of West Valley, Anaconda  
(Name of Appropriator) (Address) (Town)  
County of Deer Lodge State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based: Agriculture  
Irrigation, livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: July 6th 1916  
Year in & year out (constantly)

4. The amount of groundwater claimed (in miner's inches or gallons per minute): All of the waters from  
Spring (approximately 40 miner  
inches (more or less).

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:  
2.64 Sec. 19, T. 5 N. R. 11 W. 15 to 20  
Acres located on Sec. 19.  
Mr. Rosalie Jones

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: flows  
from Springs by gravity  
Spring located on South  
East corner of Sec. 18.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: tractor plow made ditch  
also man-made ditch dug.

8. The depth of water table: 50 to 100 ft (more or less).

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: flows by gravity along  
natural course, then flows through  
man-made ditch (approximately 1,000 ft  
to 1,500 feet (more or less).

10. The estimated amount of groundwater withdrawn each year: 5,000,000 gals (more or less)

11. The log of formations encountered in the drilling of each well if available: none 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: Filed for Record  
the 6th day of July 1916 & recorded in  
Book 5 of Eminent Rights, page 279  
records of Deer Lodge County, Montana

Signature of Owner: Russell & Rosalie Jones  
by R. M. Jones Date: January 7, 1964  
dtr.

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.

FILED FOR RECORD

at January 17 1964  
15 minutes past 3:00 clock

A. M.

WINK JUDGE

Clerk of Court

By W. H. E.

Deputy



File No. ....

T. 5 N. R. 11 W.

DUPLICATE

County: Deer Lodge

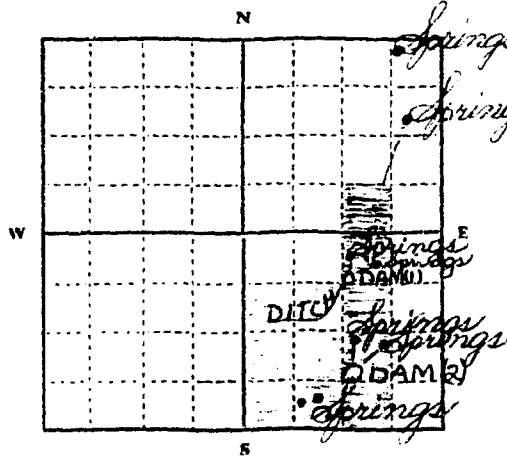
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Russell & Rosalie Jones, of West Valley, Anaconda  
(Name of Appropriator) (Address) (Town)  
County of Deer Lodge State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 19 T. 5 N. R. 11 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 Agriculture Irrigation and livestock water also for household use.
3. Date or approximate date of earliest beneficial use; and if continuous the use has been April 13, 1903  
Constantly (continuous).
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Each Spring averages 10 miner's inches (more or less) water claimed. All of the waters from each Spring.
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 fifty to sixty acres (more or less) Owners Russell & Rosalie Jones West Valley Box 13 Anaconda
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Gravity flow. See map for locations. All located in Sec. 19 T. 5 N. R. 11 W.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drag-line and Bulldozer used for construction of Two Dams. Tractor & Drag-line used to dig ditches.
8. The depth of water table 50 to 100 ft. (more or less).
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 Purchased 2500 feet of aluminum irrigation pipe. Also use sprinkler heads. Works by gravity from Dam (2).
10. The estimated amount of groundwater withdrawn each year 15,768,000 gal's (more or less)
11. The log of formations encountered in the drilling of each well if available Rock, Earth & gravel fill for front of Dam. Two Dams constructed on Dec. 19 DAM NO (1) and DAM NO (2) shown on above map.
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 Filed for record May 13 1903, and recorded in Book 5 of Water Rights page 96, records of Deer Lodge County, Mont.

Signature of Owner Russell & Rosalie Jones  
Date January 7th 1964

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

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

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

32153

81613

**FILED FOR RECORD**

January 8 1964  
at 55 minutes past 4 o'clock  
P.M.

ANNA QUIGLEY

County Recorder

Paul Mc Carthy  
Deputy

County Deer Lodge 19

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 & Donna Kelly

Address 235 Powell

Anaconda, Montana

Date well started September 24 GW 1

completed same, 1970

For Administrator's Use	
File	<u>94126</u>
	<u>October 7, 1970</u>
	<u>9:54 A.M.</u>

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used chamdrill

(Cable drill, rotary or other)

Water Use: Domestic  Municipal  Stock  Irrigation

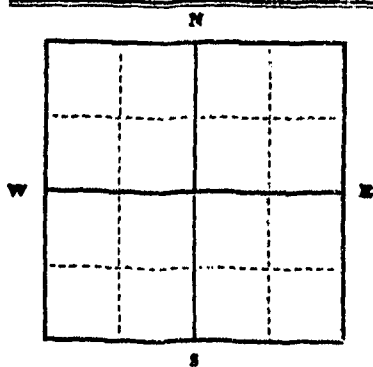
Industrial  Drainage  Other \* Garden/Lawn

\*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 and Size	From (Feet) To (Feet)
<u>6"</u>	<u>6 5/8" od 0'</u>	<u>39'</u>		<u>cutting torch</u>	<u>29' 37'</u>



SW 1/4 SW 1/4 Sec. 19  
T. 5 N. R. 11 E. W. 5

Static water level 10' ft.\*  
Pumping water level 39' ft.\*  
at 10 gallons per minute,  
measured        minutes after pumping began.

\*Measured from ground level.  
Well developed by bailing  
for 1 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 O'Keefe Drilling Company

Driller's Address 2804 Harvard Ave.

Butte, Montana

LICENSE NO. 8

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>3'</u>
	<u>top soil</u>
	<u>water @ 28' - 40'</u>
<u>3'</u>	<u>40'</u>
	<u>large boulders</u>

40' Show exact depth of bottom

47612

9426

Owner *POWELL*

Address *233 Powell*

*Flagstaff, Arizona*

Date well started *September 24*

completed *Sept. 1970*

Type of well *Artesian*

(Dug, driven, bored or drilled)

Equipment used *Handpump*

(Open 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).

*270 gallons per day*

ESTIMATED ANNUAL WITHDRAWAL

Size of Well (Inches)	Size and Weight of Casing	From (Feet)	To (Feet)	Kind of Water	From (Feet)	To (Feet)
6"	5/8" cd 0'		90'	artesian	29'	97'

File *94126*  
*10/7/70*  
*1:44 P.M.*

FILED FOR RECORD

*October 7* 1970  
at *44* minutes past *9* o'clock

HELEN L. LOVELL

County Recorder

*Mary Char*  
Deputy

*200*

**RECEIVED**  
COUNTY DEPT. CLERK

STATE OF MONTANA  
ADMINISTRATIVE DEPARTMENT  
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

**NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL**  
Developed after January 1, 1962

Indicate the character, color, thickness of strata such as silt, 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 James & Dolis Kelly  
Address 235 Powell  
Bozeman, Montana  
Date well started September 24, 1970  
completed same, 1970

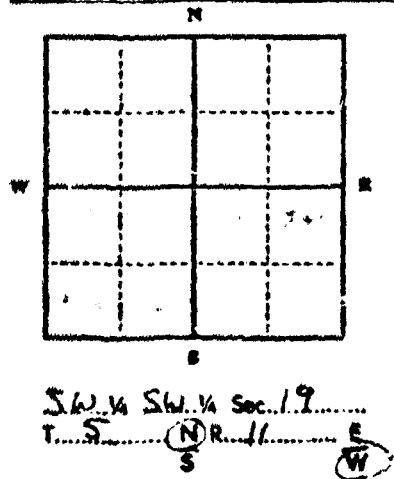
For Administrator's Use	
File	94126
	October 7, 1970
	9:44 A.M.
GW 1	

Type of well drilled \_\_\_\_\_  
(Dig, drive, bore or other)  
Equipment used air drill  
(Cable 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 600 gallons per day

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS	
				Kind and Location	From (Foot) To (Foot)
6"	5 1/8" x 0'		39'	cutting torch	29' 37'



Static water level 10' ft.\*  
Pumping water level 38' ft.\*  
at 10 gallons per minute,  
measured \_\_\_\_\_ minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by hammering  
for 1 hours.  
Power \_\_\_\_\_ Pump \_\_\_\_\_ HP  
Remarks: (Gravel packing, cementing,  
peckers, type of struts) \_\_\_\_\_

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.  
Driller's Signature O'Keefe Drilling Company  
Driller's Address 2804 Harvard Ave.  
Butte, Montana LICENSE NO. 9

Top of Ground (Elev. above sea level)		
From (Foot)	To (Foot)	
0'	3'	top soil
3'	40'	water 28'-40'
		large boulders

40' Show exact depth of bottom  
417612

File No. STATE WATER CONSERVATION BOARD

T. 5 R. 11

DUPLICATE

MAY 24 1967

County Deer Lodge

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

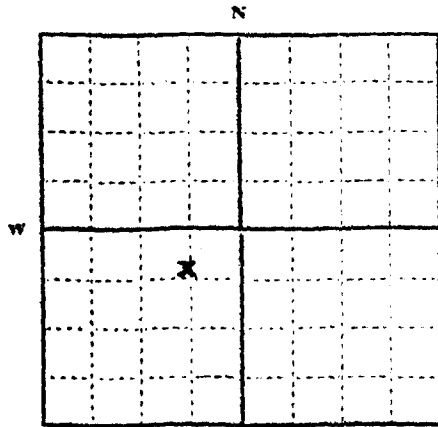
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater May 19, 1967

Owners Floyd Machen Address Cable Road, Anaconda  
Walter Fitzgerald Montana 59711  
Contractor (if any) none (ourselves)

Address of Contractor

Date Started May 1965 Date Completed September 1965



1/4 Sec. 19 T5 R. 11  
Indicate point of appropriation and place of use, if possible.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. water was seeping from a small area of ground. We, by sub-irrigation, put in trenches and built forms so that we actually had a drain fill in reverse. The water was collected and ran into a Y shaped drain where it connected with a 1/2" plastic pipe, flowed through this pipe into a water tank to be used for domestic purposes.

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. Annually. One (1) cubic foot legal measurement and measured by amount of water going into the tank

Signature of Owner:

Signature of Owner:

Date May 19, 1967

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.

42,013 44613

88644

**FILED FOR RECORD**

May 19 1967  
at 50 minutes past 11 o'clock

4 M **HELEN L. LOVELE**

County Recorder

By Mary Lee  
Deputy

21

File No. ....

T. 5 R. 11

DUPLICATE

County Deer Lodge

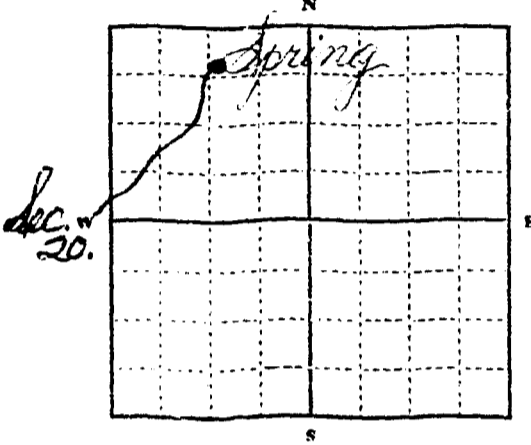
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 9 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Russell & Rosalie Jones, of West Valley Anaconda  
(Name of Appropriator) (Address) (Town)  
County of Deer Lodge State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 20 T. 5 R. 11

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 Agriculture irrigation & livestock water.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been November 27, 1911  
Constant use.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) All of the water from Springs approximately 10 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 35 to 40 acres located on Section 19, T. 5, N. R. 11, W. Owner Rosalie Jones West Valley Anaconda, Mont.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Water runs by gravity then into man-made dam.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater no well drilled.

8. The depth of water table approximately 100 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Earth filled dams built to hold water for irrigation & other beneficial uses (livestock water) etc.

10. The estimated amount of groundwater withdrawn each year 5,256,000 gal.

11. The log of formations encountered in the drilling of each well if available no drilling done.

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 Filed for record this 27th day of November 1911, and recorded in Book 15 of Water Rights page 204, records of Deer Lodge County.

Signature of Owner Russell Jones

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.



81498

**FILED FOR RECORD**

December 31 1963  
at 17 minutes past 12 o'clock  
P.M.

ANNA QUIGLEY

Paul McCarthy  
County Registrar  
District

Form No. 18  
8-60

23

T. 5N R. 11W

County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
MAY 31 1960

WATER WELL LOG

STATE ENGINEER


Owner Louis Beausoleil Address Anconda Mont.

Driller C.P. Wroble Address Millcreek RFD 1

Date Started May 10 1960 Date Completed May 11 1960

Location: Sec. 23 T. 5N. R. 11W.  $\frac{1}{4}$  sec. Anconda Mont. M.P.M.

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

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

Casing: Surface ft. to 44' ft. Type Standard Size 6"

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: 24 feet.

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

Pumping water level 29 feet at 30 gal. per min.

How tested: Bailed

Length of test 1 hr.

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)



23

RECEIVED  
MAR 14 1959

T. 5 N R. 11 W

County Deer Lodge

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner S. J. Bell Address at Ureah

Driller C. F. Noble Address O. Box 170  
Anconda Mont.

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

Location: Sec. 23 T. 5 N R. 11 W 1/4 sec. 24 of 24

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: Surface ft. to 48 ft. Type Standard Size 6"

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:..... 27..... feet.

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

Pumping water level..... 38 feet at..... 16..... gal. per min.....

How tested:..... Failed.....

Length of test..... one hour 45 min......

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

(over)



23

T. 5N R. 12W  
County Deer Lodge

**RECEIVED**  
FEB 27 1959  
**STATE ENGINEER**

**MONTANA BUREAU OF MINES AND GEOLOGY**  
Butte, Montana

**WATER WELL LOG**


Owner Charles James Hill Address \_\_\_\_\_

Driller C.F. Wright Address P.O. Box 170  
Anaconda Mont.

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

Location: Sec. 23 T5N R. 11W ~~xxxx~~ West  $\frac{1}{2}$  Corner of Sec. 23  
bears South  $74^{\circ}39'W$  a distance of 2552.88 ft.

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: Surface ft. to 49' ft. Type St. Pipe Size 6"

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: \_\_\_\_\_ 14' feet.

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

Pumping water level \_\_\_\_\_ 30' feet at \_\_\_\_\_ 16 gal. per min.

How tested: Bailed and pumped

Length of test \_\_\_\_\_ 2 hours

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)

**RECEIVED**  
FEB 27 1959  
**STATE ENGINEER**

**MONTANA BUREAU OF MINES AND GEOLOGY**  
Butte, Montana

**WATER WELL LOG**

T 5N R 77W 23  
County Deer Lodge


Owner Samuel James Bell Address \_\_\_\_\_

Driller C. P. Wible Address PO Box 176  
Anaconda Mont.

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

Location: Sec. 23 T5N R 11W ~~xxxx~~ West  $\frac{1}{4}$  Corner of Sec. 23  
bears South  $74^{\circ}39'W$  a distance of 2552.86 ft.

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: Surface ft. to 44' ft. Type Standard Size 6"

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: \_\_\_\_\_ 14' feet.

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

Pumping water level \_\_\_\_\_ 30' feet at \_\_\_\_\_ 18 gal. per min.

How tested: Bailed and pumped

Length of test \_\_\_\_\_ 2 hours

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)





GV

File No. 96

T. 5 11 R. 11 W

DUPLICATE

76979

County Deer Lodge

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

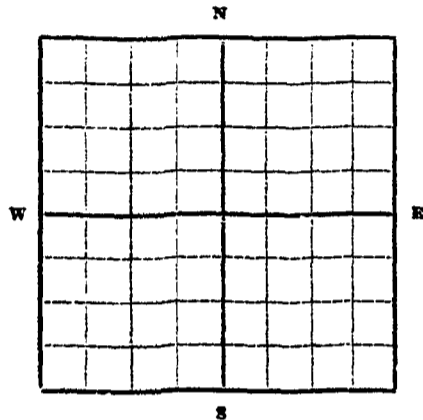
RECEIVED

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Thomas J. Franklin, of R. F. D. #1, Box 172, Anaconda  
(Name of Appropriator) (Address) (Town)  
County of Deer Lodge State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 23 T. 5 R. 11

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 general household and family garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous use since September 1, 1955
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 irrigation on home garden owner: Thos. J. Franklin
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well located 100 ft. from dwelling & h.p. deep well pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started Aug. 27, 1955. completed Sept. 1, 1955.
8. The depth of water table Static water level, for non-flowing well: 17 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, 7" black iron, 37 ft.
10. The estimated amount of groundwater withdrawn each year 200,000 gal. per yr.
11. The log of formations encountered in the drilling of each well if available 0 to 12 ft. : pit  
12 ft. to 20 ft. : boulders  
20 ft. to 25 ft. : gravel, some clay  
25 ft. to 36 ft. : hardpan  
36 ft. to 40 ft. : sand & silt(water)  
40 ft. to 48 ft. : clay & gravel  
48 ft. to 49 ft. : lime rock  
(decomposed)
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 Thomas J. Franklin

Date 1-3-62

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

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

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

1088

**FILED FOR RECORD**

January 3 1961  
at 30 minutes past 4 o'clock  
P.M. ANNA QUIGLEY

County Recorder  
Mary M. [Signature]  
Deputy

1.00

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

T. 5N R. 11W

DUPLICATE

County Deer Lodge

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

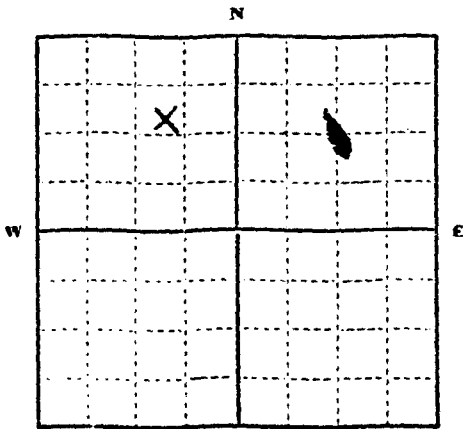
JAN 9 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Charles D. Griswold of P.O. Box 152 Anaconda  
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 23 T. 5 N. R. 11 W.

Indicate point of appropriation and place of use, if possible. Each small square represents 1/4 acre.

2. The beneficial use on which the claim is based Domestic use, truck farming, stock and poultry, trees, pasture.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1956.

4. The amount of groundwater claimed (in miner's inches, or gallons per minute) 50 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 4 acres, Lost Creek, N.W. 1/4 Sec. 23 T. 5 N. R. 11 W. 56 feet deep

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric jet pump system, Drilled well 6 in (6 in) in casing, 56 feet deep.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. About 1956.

8. The depth of water table.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled well by C. W. Wroble of Anaconda, 6 in (6 in) in casing

10. The estimated amount of groundwater withdrawn each year 4,000,000 gal. per year

11. The log of formations encountered in the drilling of each well if available. W.C. Wroble, Anaconda, Montana.

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 Chas. D. Griswold

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.

81605

FILED FOR RECORD

January 7 1964  
at 15 minutes past 4 o'clock  
P.M. KINK OUTLINE

Paul Mc Larty  
County Recorder  
Date

RECEIVED  
DEC 1 1958  
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T. 5 R. 11  
County Deer Lodge

23

WATER WELL LOG


Owner Hugo Galle Sr Address Route 1 Anaconda Mont.  
Driller G.S. Noble Address 10 Box 170 Anaconda Mont.  
Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_  
Location: Sec. 23 T. 5 R. 11 1/4 sec.

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: Surface ft. to 29 ft. Type standard Size 6"

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: \_\_\_\_\_ feet.

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

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

How tested: Pumped

Length of test 2 hours

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

(over)



File No. ....

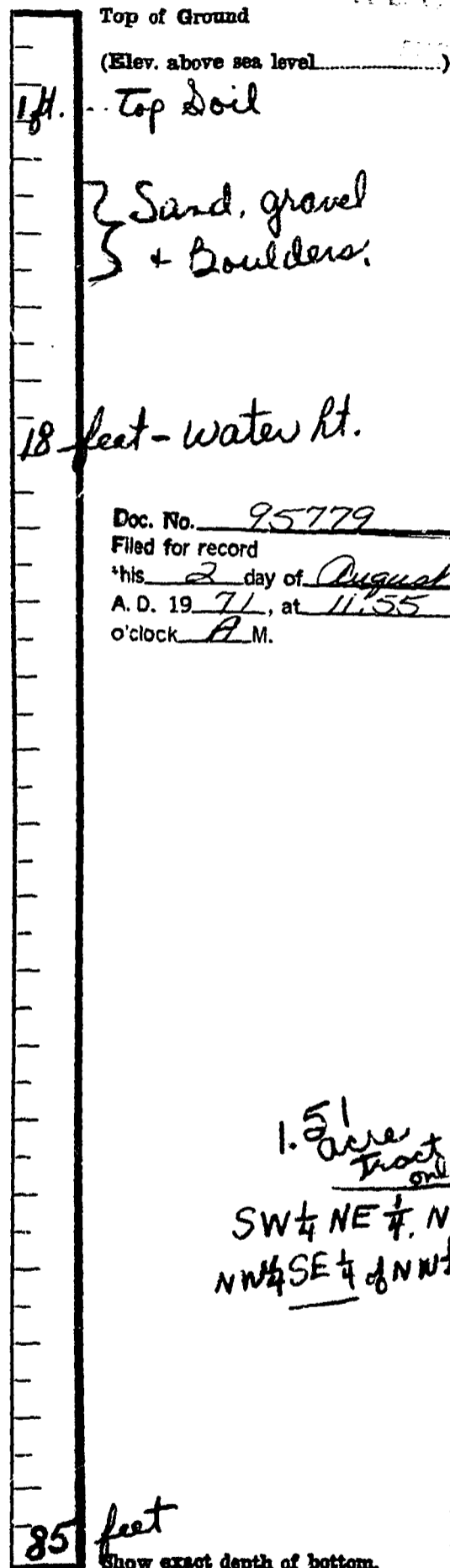
T. 5 R. N-11

DUPLICATE

County Deer Lodge

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 Life L. Havens Address Box 20, Butte

Driller E. F. Wroble Address Millcreek RFD #1  
Ana. Mont.

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

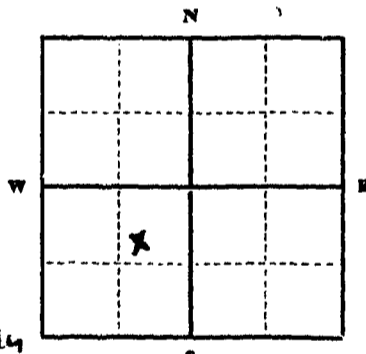
Date well started 1958 or 59 Date completed.....

Type of well drilled Equipment used Churn Drill  
(Pug, Driven, bored or drilled) (Churn drill, reamer or other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

Doc. No. 95779 Filed for record this 2 day of August A. D. 19 71, at 11:55 o'clock A. M. 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" 19 lb. per ft.	Sur-face	85 ft.			



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

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

Pumping Water Level 18 feet at 11 gal. per minute.

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

How Tested Boiler

Length of Test 2 hr.

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

SW 1/4 NE 1/4 NW 1/4  
NW 1/4 SE 1/4 NN 1/4  
Sec. 23 T. 5 R. N-11  
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).

85 feet  
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 Number

Driller's Signature

48834

FILED FOR RECORD

August 2 1971  
at 55 minutes past 11 o'clock

M. HELEN L. LOVELE

County Recorder

By Mary Chae  
Deputy

\$ \_\_\_\_\_



File No. ....

T. 5 R. 11

DUPLICATE

County Deer Lodge

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

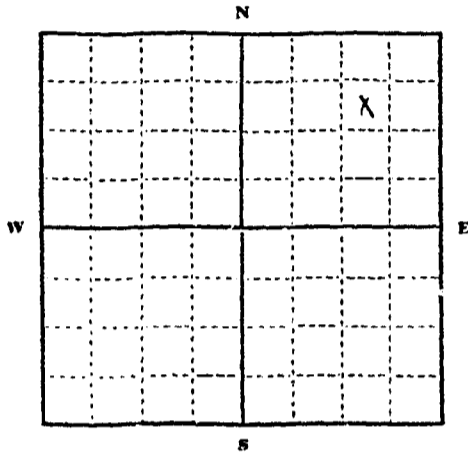
JAN 9 1962  
ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Charles H. McDowell of Box 186 Lost Creek Anaconda  
(Name of Appropriator) (Address) (Town)

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



D 3 N E 4 Sec. 23 T. 5 R. 11

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

2. The beneficial use on which the claim is based House hold use + watering lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 10 1958

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Yield 25 gpm.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 30 1958 To May 4 1958

8. The depth of water table Static level 26'

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 well . 6" standard casing. Depth 53 ft.

10. The estimated amount of groundwater withdrawn each year 1,000 gal per day

11. The log of formations encountered in the drilling of each well if available Surface to 1 ft. topsoil. 1 ft. to 29 ft. Sand gravel and boulders. 29 ft. to 48 ft. Clay and gravel mix. 48 ft. to 55 ft. solid granite (soft)

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 Charles H. McDowell

Date Jan. 2, 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.

23719

81392

FILED FOR RECORD

Dec 31 1867

at 31 minutes past 10 o'clock

A. M.

ANNA QUIGLEY

County Recorder

May Mason

Deputy

33

File No. ....

T. 5 R. 11

DUPLICATE

County Deer Lodge

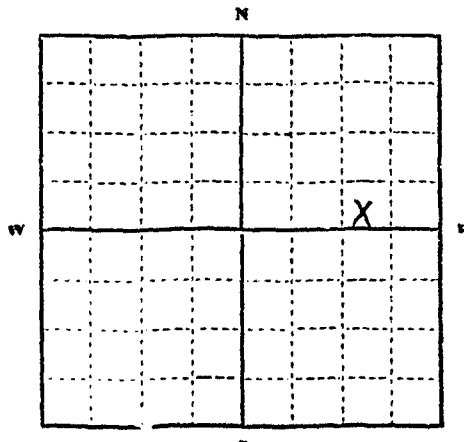
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mr. & Mrs. Albert Martin, of P.O. Box 415, Ansonda, Montana  
(Name of Appropriator) (Address) (Town)  
County of Deer Lodge State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



E<sup>2</sup> 1/4 Sec. 23 T. 5 R. 11  
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 household use and small garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 1 - 1956 and in continuous use since
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute): Not known - Average 1-2 hundred gallons per day
- 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 extensive irrigation - only small garden, about 1/2 acre
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Jet Pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 1956 - June 1956  
Only one well
- 8. The depth of water table: 42 ft 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: Only one well on property 6" casing 42 ft deep
- 10. The estimated amount of groundwater withdrawn each year: 75,000 gals to 100,000 gals
- 11. The log of formations encountered in the drilling of each well if available: Log of Formations Not known, Well drilled by C.F. Warble of Ansonda
- 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: Nothing else of importance is known

Signature of Owner: Albert Martin  
Date: Dec 31 1962

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

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

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

28779

81454

FILED FOR RECORD

December 31 1963

at 33 minutes past 11 o'clock

A M.

ANNA QUIGLEY

Carol McRath  
County Recorder

Official

GW

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

File No. ....

DUPLICATE

8133 RECEIVED  
MAR 2 - 1965  
STATE OF MONTANA  
ADMINISTRATOR STATE ENGINEER  
OFFICE OF STATE ENGINEER

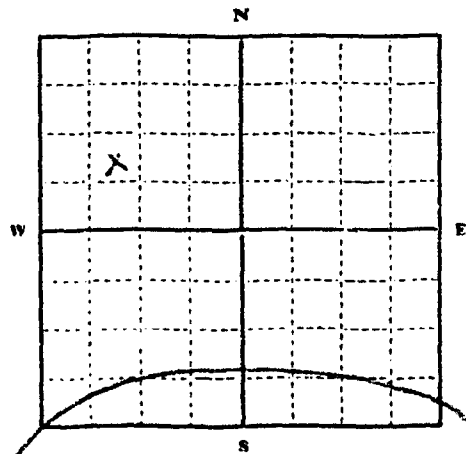
County Deer Lodge  
JAN 9 1964  
ENGINEER

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. LEO J. POWERS of Route 1, Box 183, Anaconda, Montana  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 23 T. 5 R. 11  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.  
Location ?

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 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 for small garden and lawn

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal drilled well, 6 inch casing, 44 feet deep

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

8. The depth of water table 44 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 well by C. W. Wroble, 6 inch casing

10. The estimated amount of groundwater withdrawn each year 525,000 gallons 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 Leo J. Powers  
Date Dec. 31, 1964

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

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

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

2866'

81334

FILED FOR RECORD

Dec 21 19 63  
at 33 minutes past 9:09 o'clock  
A.M.

ANNA QUIGLEY

County Recorder

May McKeown  
Clerk

File No. 13

RECEIVED  
AUG 21 1971

T. 5 R. 11 W. 23  
County Deer Lodge

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)

Top of Ground

(Elev. above sea level 5280)

Soil

No. 95987

or record

is day of August

D. 19 71, at 11:45

o'clock 12 M.

Owner Donald M. & Mary M. Hanzloch Address \_\_\_\_\_

Driller R Mead Address Box 139 Ang

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

Date well started 8/20/71 Date completed 8/22/71

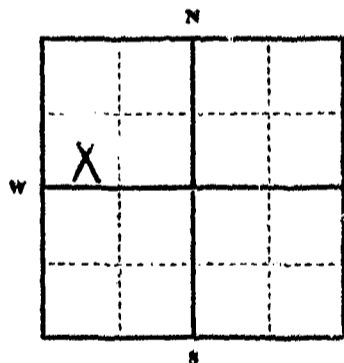
Type of well Drilled Equipment used Churn drill  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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		
				Start (Feet)	From (Feet)	To (Feet)
6"	6" 17LB	0	45			
					Cutting Torch	

Gravel



Static Water Level for non-flowing well 28 feet.

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

Pumping Water Level 12 feet at 30 gal. per minute.

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

How Tested Bailed

Length of Test 2 hr

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

Section 23 T. 5 R. 11  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Not Applicable

(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).

Not Applicable

Sand

45 FT

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.

209  
Driller's License Number

Ralph Mead  
Driller's Signature

48966

Vertical text on the left margin, possibly a stamp or header, including the words "RECORDED" and "INDEXED".

95987  
FILED FOR RECORD

at August 11, 1933  
at 45 minutes past 11 o'clock  
A. M.  
Helen L. Lovell  
County Recorder  
BY Patricia Beeler  
Deputy

3.2.00



File No. ....

T. 54 R. 14

TRIPPLICATE

LOG

MONTANA WATER RESOURCES BOARD RECEIVED

MAR 17 1963

County .....

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

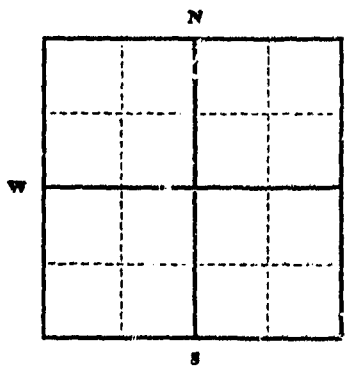
(Under Chapter 237, Montana Session Laws, 1961)

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

Owner ... Address ... Driller ... Address ... Date of Notice of appropriation of groundwater ... Date well started ... Date completed ... Type of well ... Equipment used ... Water use: Domestic [x] 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.

Table with columns: Size of Drilled Hole, Size and Weight of Casing, From (Feet), To (Feet), PERFORATIONS (Kind Size, From (Feet), To (Feet)).



Static Water Level for non-flowing well ... feet. Shut-in Pressure for Flowing Well ... Pumping Water Level ... feet at ... gal per minute. Discharge in gal. per min. of flowing well ... How Tested ... Length of Test ... Remarks: (Gravel packing, cementing, packers, type of shutoff) ...

1/4 Sec. 23 T. 54 N. R. 14 W. Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side) UEE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition). Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

45,065

**RECEIVED**  
 MAR 18 1950  
 STATE ENGINEER

**MONTANA BUREAU OF MINES AND GEOLOGY**  
 Butte, Montana

T. 5N R. 11W 23  
 County Deer Lodge

**WATER WELL LOG**


Owner Joseph J. Gieffenthaler Address 312 CEDAR, ANACONDA MONT.  
 Driller S. R. Noble Address 0 Box 170 ANACONDA MONT.  
 Date Started Feb. 12 1950 Date Completed March 3 1950  
 Location: Sec. 23 T. 5N R. 11W  $\frac{1}{4}$  sec. LOT #9 SW  $\frac{1}{4}$  - NW  $\frac{1}{4}$

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: Surface ft. to 30 ft. Type standard Size 4"  
 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: \_\_\_\_\_ feet.

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

Pumping water level: 58 feet at 50 gal. per min.

How tested: Bailer

Length of test: one 4-g. hours

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

(over)



File No. ....

T. 5 R. 11

DUPLICATE

County Deer Lodge

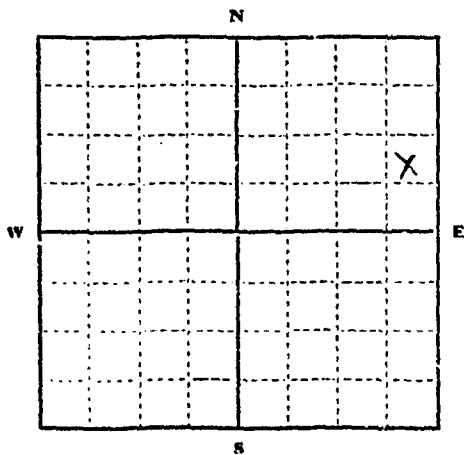
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964  
ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Hugo Galle Sr., of Lostcreek RFD # 1 Anaconda Montana  
(Name of Appropriator) (Address) (Town)  
County of Deer Lodge State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE 1/4 Sec. 25 T. 5 R. 11W

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 Milk parlor.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 4 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Yield 20 gpm.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 2 1961 to September 3 1961.

8. The depth of water table Static level 25 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" casing. 19.5 lb. per ft. 21 7/8" of casing.

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available Surface to 18 ft. Sand & gravel and boulders. 18 ft. to 26 ft. Weathered and decomposed bed rock granite. 26 ft. to 37 ft. Fishered and fractured bed rock. Water bearing.

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 Hugo Galle Sr.

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.

28702

§1375

FILED FOR RECORD

December 31 1963

at 14 minutes past 12 o'clock  
A.M.

DEPUTY CLERK

Carol McLaughlin  
Deputy

**RECEIVED**  
 DEC 1 1958  
 STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
 Butte, Montana

T. 5 R. 11  
 County Deer Lodge

25

WATER WELL LOG


Owner Hurd Galle Sr. Address Route 1. Anaconda Mont.  
 Driller C.F. Woble Address P.O. Box 170 Anaconda Mont.  
 Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_  
 Location: Sec. 25 T. 5 R. 11 1/4 sec.

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

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

Casing: 4 1/2 ft. to 21 1/2 ft. Type concrete black Size 6 in.

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

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

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

Type of screen or perforations: \_\_\_\_\_

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

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

Pumping water level: \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

How tested: puiler tested

Length of test: about one hour

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

(over)

RECEIVED  
DEC 1 1958  
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T 5 R 11  
County Beaver Ledger

WATER WELL LOG


Owner Waco galle Sr. Address Route 1. Anaconda Mont.  
Driller C.F. PROBLE Address P.O. Box 170 Anaconda Mont.  
Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_  
Location: Sec. 25 T. 5 R. 11 1/4 sec.

Type of well \_\_\_\_\_ Equipment used Churn drill  
(Open, bored, or drilled) (Churn, drill, rotary, other)

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

Casing: Surface ft. to 28 ft. ft. Type Common black Size 4 in.

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

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

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

Type of screen or perforations \_\_\_\_\_

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

16 ft.

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

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

17 ft.

24 gal. per min.

How tested: Bailer tested

Length of test: about one hour

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

(over)







RECEIVED

DEC 1 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


T. 5 R. 11

County Deer Lodge

26

Owner Hugo Halle, Sr. Address Route 1 - Anaconda  
 Driller C. E. Wroble Address P.O. Box 170  
 Date Started September 2, 1958 Date Completed September 4, 1958  
 Location: Sec. 26 T. 5 R. 11 1/4 sec.

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: 5 ft. to 27 ft. Type Standard Size 6"

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: \_\_\_\_\_ 6' \_\_\_\_\_ feet.

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

Pumping water level \_\_\_\_\_ 10 feet at \_\_\_\_\_ 25 gal. per min.

How tested: Pumped

Length of test 2 hours

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

(over)



28

File No.

RECEIVED  
JAN 6 1964

T. 5 N. R. 11 W

DUPLICATE

County Deer Lodge

STATE ENGINEER  
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Notice of Completion of Groundwater Appropriation  
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

RECEIVED  
MAY 27 1964

STATE ENGINEER

Date of Appropriation of Groundwater Dec 31, 1963

Owner George H. Henderson Address P.O. Box 1032 Anaconda, Mont

Contractor (if any) none

Address of Contractor none

Date Started Aug. 1939 Date Completed 1939 work done by me

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. A dugout spring about 5-10'

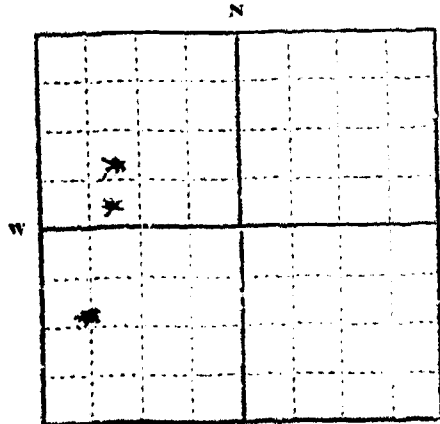
to bottom is walled and piped out from near bottom of side of well. A small stream which comes from N.W. 1/4 Sec. 28, T. 5 N. R. 11 W and runs toward spring & pipe. Apparently supplying water to spring.

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. About 1/2 of water in spring which flows continually at about 5 gal. per minute. The water for domestic use overflow to irrigate small garden in season.

Signature of Owner George H. Henderson

Date Dec. 31, 1963



W 1/2 S.W. 1/4 of Sec. 28, T. 5 N. R. 11 W  
Indicate point of appropriation and place of use, if possible.  
and the N.W. 1/4 of Sec. 28 T. 5 N. R. 11 W.

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.

38:28