

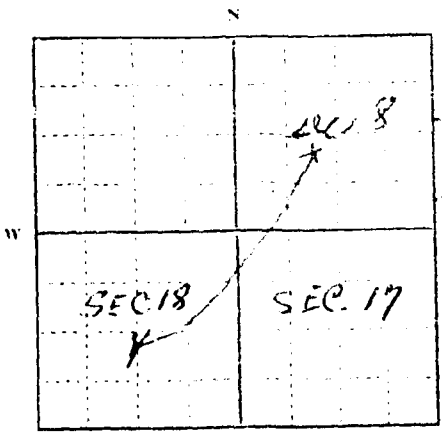
STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater *May 27 1966*
 Owner *Philip Harmon* Address *Sunnyside, Anaconda*
 Contractor (if any) *none*
 Address of Contractor *none*
 Date Started *before 1947* Date Completed *still in use*

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. *Creek*
This stream runs from a spring and makes the creek. Starts on Section 18 across corner of sec 17 onto Section 8 and on our land.



SW 1/4 NE Sec. 8 T. 4 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. *Year Round use for irrigation for our place and other residents of upper Sunnyside*

Signature of Owner *Philip Harmon*
 Date *May 27, 1966*

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.

111597

87610

FILED FOR RECORD

May 27 19 *66*
at *56* minutes past *4* o'clock

1 M
Anna Quigley
County Recorder

By _____ Deputy

S. _____

File No. 92773

Township R

DUPLICATE

County

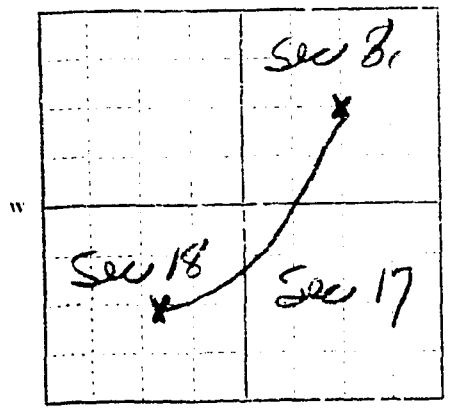
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

June 29, 1973

Date of Appropriation of Groundwater May 27, 1966
Owner Philip Harmon Address Sunnyside add.
Contractor (if any)
Address of Contractor
Date Started 1946 Date Completed 1966



SW 1/4 NE Sec. 8 T. 4 R. 11
Indicate point of appropriation
and place of use, if possible.

Describe means of obtaining groundwater without a well "as by sub-irrigation or other natural processes". Include depth to water when applicable. Spring
This stream is ditched from a spring to our reservoir. Starts on section 18 across corner of sec 17 onto section 8 into reservoir on our land.
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. Year around Piped to irrigate our land and water stock & poultry. Also our fire protection.

Signature of Owner Philip Harmon
Date June 29, 1973

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.

99773

FILED FOR RECORD

June 29 1973
at 26 minutes past 4 o'clock
P. M

County Recorder
By Marvin R. Stager
Deputy

\$ 200

7975

FILED FOR RECORD

June 29 1973
at 30 minutes past 4 o'clock
P M
HELEN L. LOVELL
County Recorder
By Marian S. Stogai
Deputy
\$ 200

File No. _____

T. & R. _____

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

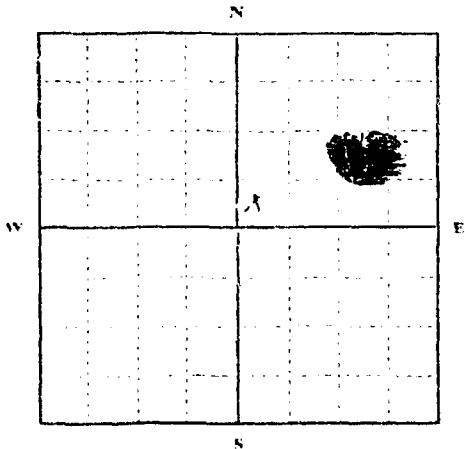
DATE JAN 2 1965

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Philip S. Galloway of 1005 E. Broadway
(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 NE Sec. 8 T4N R11W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric pump, 1/2 mile from road

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1946 - 1st aug
and 1953 - drilled well

8. The depth of water table app. 40 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 1/2 inch dia. 17 ft to 20 ft deep

10. The estimated amount of groundwater withdrawn each year 1600,000 gal per year

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

Signature of Owner Philip S. Galloway

Date Jan 2 1965

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.

19127

File No. _____

T. 4 N. R. 11 W.

DUPLICATE

County Carbon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

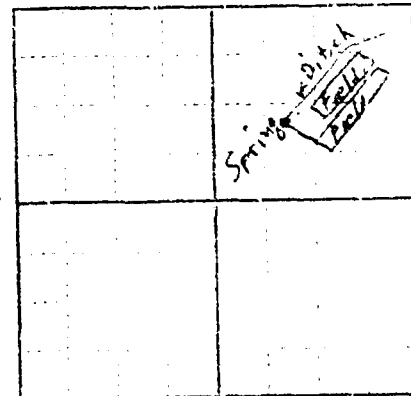
STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 1, 1958Owner Robert Hughley Address Stinsonside 30Armadillo

Contractor (if any) _____

Address of Contractor _____

Date Started June 15, 1958Date Completed July 1, 1958Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural springexcavated and diverted by ditch

NE
1/4 Sec. 8 T. 4 N. R. 11 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 36 minutes2' wide weir with 4" of waterApproximately 5 months
use in summerSignature of Owner Robert C. HughleyDate 12-30-63

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.

21214

FILED FOR RECORD

December 3 1963

at 06 minutes past 3:00 o'clock
P. M.

REC'D - CIVIL

Carol M. Lantry
Deputy Registrar

51331

FILED FOR RECORD

December 31 1963

at 29 minutes past 9 o'clock

A.M.

ANKS QUIGLEY

County Ref. *Lowell McVerty*

Deputy

MONTANA WATER RESOURCES BOARD

File No. _____

RECEIVED

T. _____ R. _____

DUPLICATE

NOV 19 1967

County Dear Lodge

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

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

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

7 ft. Open hole

Owner Jack Reed Address Anaconda, Mont.

Driller C. F. Wroble Address Rte. 1, Millcreek
Anaconda, Mont.

Date of Notice of appropriation of groundwater _____

Date well started June 27, 1967 Date completed July 5, 1967

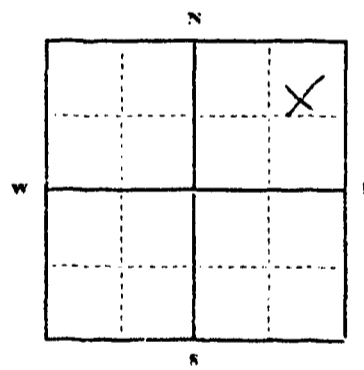
24 ft. Sand, Gravel,
Large boulders

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	19 lbs. per ft.			3/16x8	21	24



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 Baled

Length of Test 2 hrs.

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

NW 1/4 Sec. 8 T. 11 R. 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).

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

C. F. Wroble
Driller's Signature

12,575

99774

99774

FILED FOR RECORD

June 29 1973
at 28 minutes past 4 o'clock
P M

County Recorder

By Marian R. Steyer
Deputy

\$ 200

FILED FOR RECORD

June 29 1973
at 28 minutes past 4 o'clock
P M

County Recorder

By Helen L. Lovell
Marian R. Steyer
Deputy

\$ 300

File No.

T. 4 R. 11 W.

DUPLICATE

County Blaine Lodge

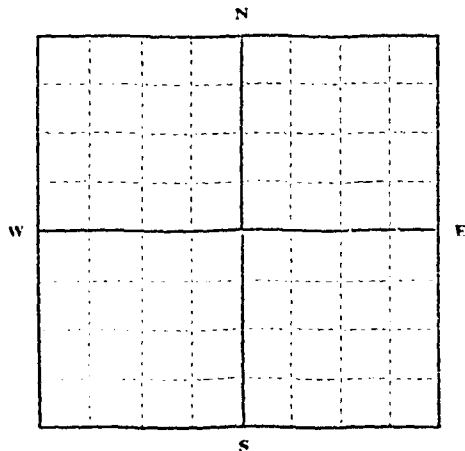
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Thomas Stebbin, of Box 1223 Anaconda
(Name of Appropriator) (Address) (Town)

County of Blaine 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. 8 T. 4 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 Household use, garden & lawn
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since well was drilled during summer of 1954
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) Irrigate lawn & garden
Don't know
- 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 Irrigate lawn & garden
- 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 Summer 1954

8. The depth of water table 40 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 37 feet deep with 6 inch casing

10. The estimated amount of groundwater withdrawn each year 100,000 gal

11. The log of formations encountered in the drilling of each well if available Don't know

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

Signature of Owner Thomas Stebbin

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.

32149

81607

RECEIVED
January 8 1864
at 10 minutes past 1 o'clock
P.M.
ANNA CHURCH
Comptroller
David McCarthy
Deputy

File No.....

T. 4N R 11W

DUPLICATE

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..... 1938

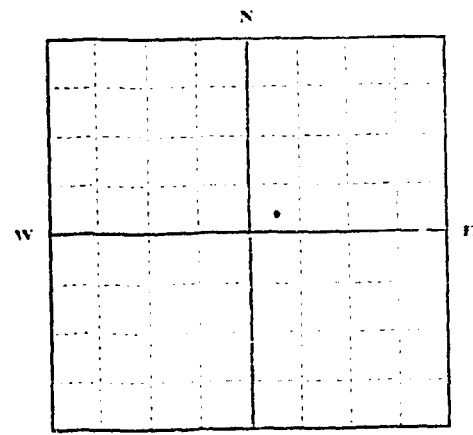
Owner Earl Wigent Address ANACONDA MONT

Contractor (if any) IMPROVED BY PREVIOUS

Address of Contractor OWNER IN 1938

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. IMPROVED SPRING



NE 1/4 Sec. 8 T4N R11W

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. 1000 gal HR.

MEASURED BY CAPACITY OF PUMP.

USE FOR IRRIGATING MAY THROUGH

SEPT. SUPPLEMENTARY DOMESTIC

USE REMAINDER OF YEAR.

Signature of Owner Earl Wigent

Date Dec 30 1963

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

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

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

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

28663

81226

FILED FOR RECORD
December 31 1943
at 35 minutes past 9 o'clock
P. M. ANNA QUIGLEY
By Carol Mc Carthy
County Registrar
Deputy

File No.

T 4N R 11W

DUPLICATE

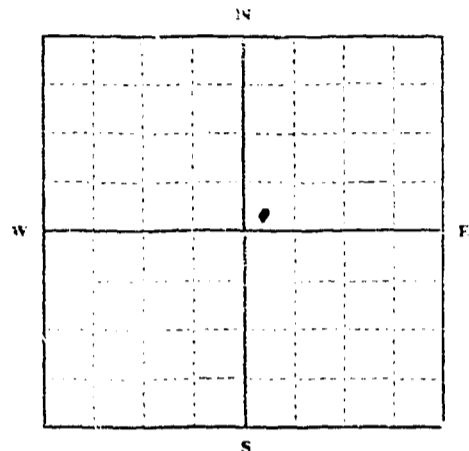
County DEER LODGE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. EARL G WIGEITT of UPPER SUNNYSIDE 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. 8 T4N 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... DOMESTIC
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1953 - CONTINUOUS USE
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 65 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
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... ELECTRIC PUMP WELL LOCATED AT S.E. CORNER OF HOUSE
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1953
- 8. The depth of water table... APPROX. 35 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 3x4 FT CEMENT WALL
- 10. The estimated amount of groundwater withdrawn each year... 100,000 GAL
- 11. The log of formations encountered in the drilling of each well if available... 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... DEED RECORDED BOOK 80 PAGE 89 DEER LODGE COUNTY CLERK + RECORDER

Signature of Owner *Earl Wiggett*
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.

51372

FILED FOR RECORD
December 31, 1963
at 11 minutes past 10 o'clock
P.M.
BY ANNA QUIGLEY
Clara McCarthy
Deputy

or

File No.

DUPLICATE

T. R.

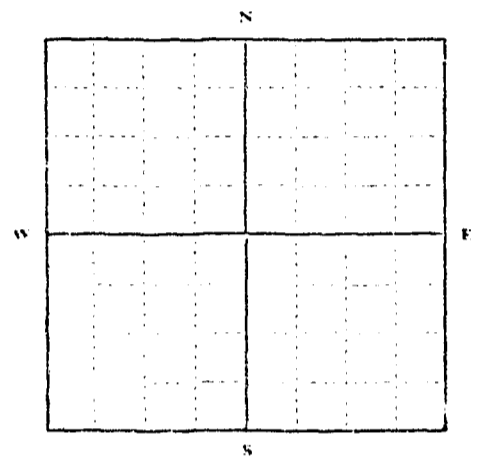
County

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECEIVED
 NOV 7 1963

Declaration of Vested Groundwater Rights
 (Under Chapter 247, Montana Session Laws, 1961)

1. James W. Schusser of 24 Mt. View Homes Bozeman
 (Name of Appropriator) (Address) (Town)
 County of Beaverhead 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: HOUSE HEAT USE - LARRY GARDEN
3. Date or approximate date of earliest beneficial use; and how continuous the use has been: FEBRUARY 1954
USED DAILY
4. The amount of groundwater claimed (in miner's inches or gallons per minute): UNKNOWN
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 3 ACRE AT 24 MT. VIEW HOMES
BLOCK 2 LOT 4
DONALD & ROSE SCHUSSER OWNERS
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: ONE ELECTRIC PUMP
NORTH-EAST CORNER OF HOME
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: CONSTRUCTION OF WELL COMMENCING IN
FEB. 1954 - COMPLETION FEB. 1954
8. The depth of water table: 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: 4 - 6 IN. DRILLED WELL - 45 FEET DEEP
10. The estimated amount of groundwater withdrawn each year: UNKNOWN
11. The log of formations encountered in the drilling of each well if available: NO LOG 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: UNKNOWN

Signature of Owner: James W. Schusser
 Date: Oct 10, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
 Please answer all questions. If not applicable, so state, otherwise the form will be returned.
 Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

1035

FILED FOR RECORD

November 6 1965

at 52 minutes past 10 o'clock

19 M. **ARNA QUIGLEY**

County Recorder

David Mc Quigley

Deputy

1035

File No. _____

T. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

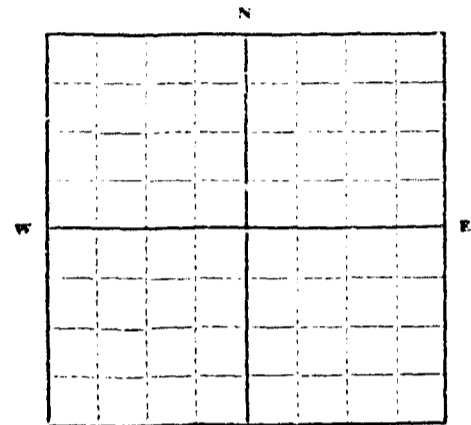
RECEIVED
SEP 4 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Charles Teacher of 255 E. 2nd St. Helena (Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sect 5 Block 6
W of E of V. 1/4 Sec. 5
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.
Aracanda Mont.

2. The beneficial use on which the claim is based. Home field

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Sept 21, 1958
Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) None 550 gal

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
about 15.00 sq ft
Charles Teacher

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. about Aug 21, 1955
Completion Sept 15, 1955

8. The depth of water table. about 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. well depth about 5 ft
low pressure - Electric Pump

10. The estimated amount of groundwater withdrawn each year. 40,000 gal

11. The log of formations encountered in the drilling of each well if available. Sand, 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 look and page of any county record
See the year 34

Signature of Owner: Charles Teacher
Date: Sept 3, 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.

FILED FOR RECORD

September 3 1963
at 50 minutes past 10:00 o'clock

A.M. ANNA OUGLEY

County Recorder
L. Marie Duckert
D. Duckert

#200

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level)

0-3 Top Soil

3-15 Rocks - Gravel
and Clay

15-38 Fine Sand
with little clay

+ GRAVEL

38-40 Coarse Sand
+ GRAVEL

Owner *Lee West* Address *Anaconda, Mont*

Driller *Emmett O'Keefe* Address *BUTTE MONT*

Date of Notice of Appropriation of Groundwater

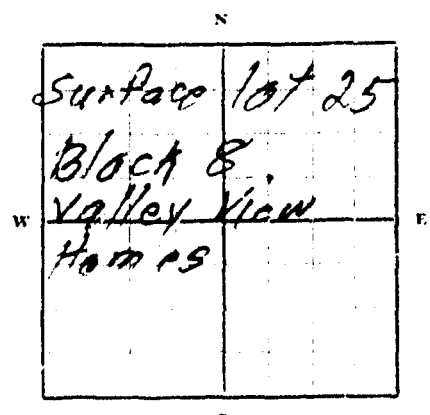
Date well started *Oct 1, 1962* Date Completed *Oct 2, 1962*

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

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 15 lb.	0	41	none		



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

Show exact depth of bottom.

Static Water Level for non-flowing Well *14* feet.

Shut-in Pressure for Flowing Well

Pumping Water Level *1.5* feet at *20* gal. per minute.

Discharge in gal. per min. of flowing well

How Tested *at 20 gal per min* Length of Test *1 1/2 hr*

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

License # 8
Driller's License Number

Emmett O'Keefe
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.

FILED FOR RECORD

October 19 19 62
at 52 minutes past 9:00 o'clock
A.M.

ANNA QUTCROFT

County Recorder

Loanne Strain
Deputy

\$1.00

CSH:ba
Enc. 1

BY: C. S. Heidel
Deputy State Engineer

Handwritten notes:
The...
with...
degrees...
enter...



STATE ENGINEER

SAM W. MITCHELL BUILDING

HELENA, MONTANA

October 23, 1962

FRED E. BUCK, STATE ENGINEER
HANS L. BILLE, ASSISTANT
C. S. HEIDEL, DEPUTY STATE ENGINEER
A. D. McDERMOTT, ACCOUNTANT

Miss Anna Quigley
Clerk and Recorder
Deer Lodge County
Anaconda, Montana

Dear Miss Quigley:

The driller failed to show the location of the well on the enclosed form. If the original has any such information, will you please copy it on this duplicate and return it to us? If it is in town, the lot and block numbers could be shown even if the section number is omitted.

Very truly yours,

FRED E. BUCK
STATE ENGINEER

BY: C. S. Heidel
Deputy State Engineer

CSH:ba
Enc. 1

*In the description on the form West
Water Well is in Survey Lot 25 - Blk. 8
Valley View Homes*

File No. _____

Title _____

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

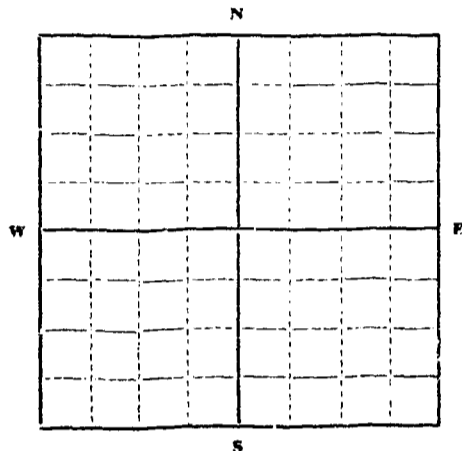
RECEIVED
OCT 7 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. MARGARET ZACCIO of 205 Pintlar, Valley View Homes, 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:



Lot 25 Block 9 Valley View Homes lawn and small garden
1/4 Sec 4 T4S R10E

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. General Household use
- Date or approximate date of earliest beneficial use; and how continuous the use has been. July 15, 1958 - everyday usage
- The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gallons 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 lawn and small garden
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Drilled well, water is pumped therefrom with electric pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Commenced 7/7/58
Completed 7/15/58
- The depth of water table. 25 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. churn drilled well - 6 inch casing - 33 ft. deep
- The estimated amount of groundwater withdrawn each year. unknown
- The log of formations encountered in the drilling of each well if available. surface to bottom - 1 foot top soil, 1 foot to 26 feet sand, gravel and boulders - 26 feet to 33 feet water bearing sand and gravel
- 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 Mrs. Margaret Zaccio
Date August 1963

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

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

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

File No.

T. H. N. R. 22 W

DUPLICATE

County: DEER

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 25 1964
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: Paul Hopkins Address: 1481 E. Park Ave.

Driller: C. F. Noble Address: Willerock 1

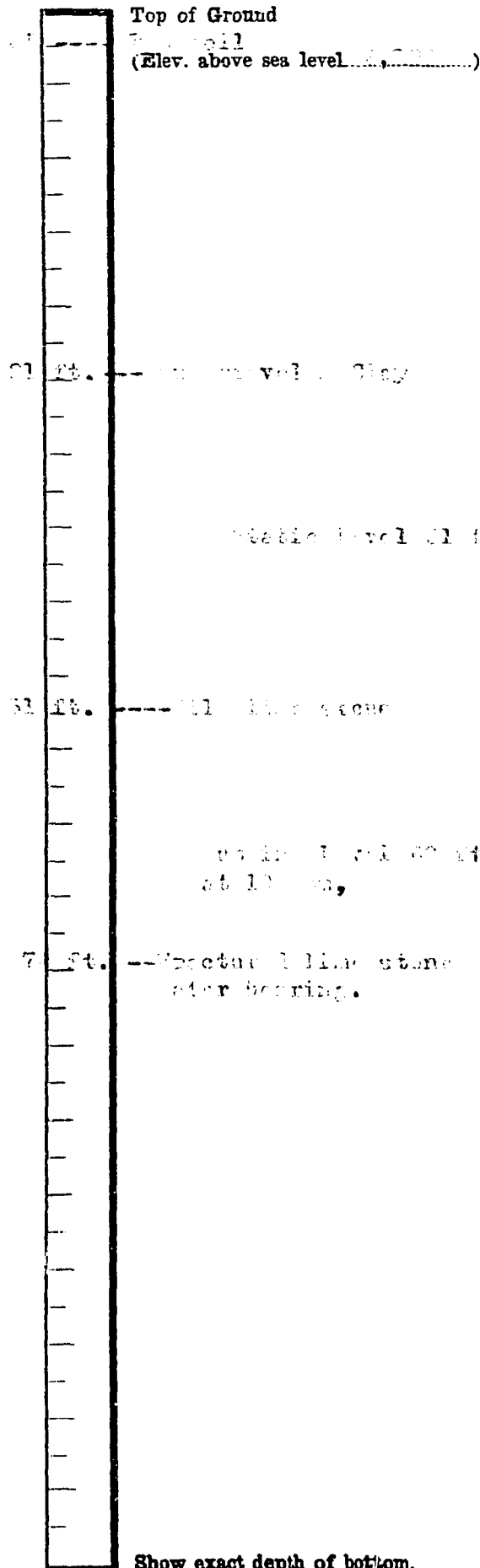
Date of Notice of appropriation of groundwater:

Date well started: Sept. 5 1964 Date completed: Sept. 16 1964

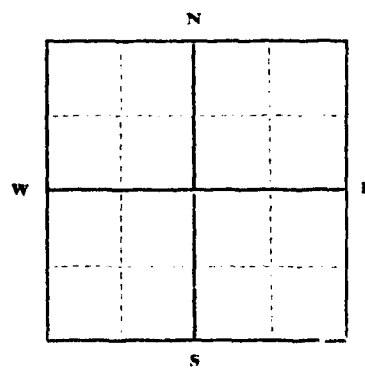
Type of well: Drilled Equipment used: Churn drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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		
				Rind Size	From (Feet)	To (Feet)
8"	2" X 28 lb.	Surface	70	None		



Static Water Level for non-flowing well 31 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 29 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: Tailed

Length of Test: 1 hr. 45 min.

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

1/4 Sec. T R. 22
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

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.

66
Driller's License Number

C. F. Noble
Driller's Signature

38489

80645

FILED FOR RECORD

October 4 1963
at 10 minutes past 2 o'clock

P. M. Alma L. Taylor
Clerk of Court

78667

FILED FOR RECORD

Sept. 25, 1964
at 25 minutes past 2:00 clock
P.M.

Agnes M. McDonald
County Recorder

By Maude Echols
Deputy

County Green Lake Twp. 4N Rge. 10W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	None F. Frey	57 well log	81230	
14:2	Robert W. Kulbaurm	H.W. 4	81230	
14:2	Melvin R. Moore	H.W. 4	81594	
1	Edward Netterberg	57 well log	1959	
1	Serald M. Patterson	H.W. 4	81210	
14:2	Kenneth Schapfeld	H.W. 4	81261	
4	Dr. C. P. Shennard	57 well log	N/A	
4	Mary Ann Staronja	H.W. 4	81422	
6	The Anacosta Company	H.W. 2	96100	
7	The Anacosta Company	H.W. 2	98111	done elsewhere
8	Orlon B Jones	H.W. 4	81153	
8	Charles Nicely	H.W. 2	89948	
8	David R. Williams	H.W. 2	81212	
9	Harold W. Olson	H.W. 4	81390	
10	Aristo James Stanger	H.W. 4	81332	
10	John J. Chou	H.W. 4	81619	
10	Eugen H. Colacci	H.W. 4	81484	
10	Lester E. Crowe	H.W. 4	81309	
10	Billie J. Cutler	H.W. 4	81496	
10	Mrs Anna J. Hanson	H.W. 4	81244	
10	Raymond E. Deakin	H.W. 4	81051	
10	Le Roy Rye	H.W. 2	89471	
10	Le Roy Rye	H.W. 2	99172	
10	Le Roy R. Dyll	H.W. 4	81335	
10	Everett E. Catherton	H.W. 4	81417	
10	Susan Hewins	H.W. 4	—	no file no.
10	John Francisco	H.W. 4	81474	
10	Mrs. Herman Frey	H.W. 4	80435	
10	Edwin W. Lesselle	H.W. 4	81318	
10	Raymond Lesselle	H.W. 4	81260	
10	Fred R. Frey	H.W. 4	81368	
10	Claude C. Haight	H.W. 4	81250	
10	Claude C. Haight	H.W. 4	81246	done elsewhere
10	Con. Hansen	H.W. 4	81433	
10	Raymond E. Hansen	H.W. 4	81505	
10	Raymond + Florence Hiltz	H.W. 4	81606	
10	Gerard + Etan Howard	H.W. 4	81264	
10	Marie Jacobs	H.W. 2	—	
10	Lidney D. Kiel	H.W. 2	85345	
10	Albert Kiehn	H.W. 4	81377	
10	Anthony Kiskowich	H.W. 4	81467	
10	Thomas J. Logan	H.W. 4	81478	
10	Walter + Marjorie Mason	H.W. 4	81010	
10	Beatrice Mae Moore	H.W. 4	81313	
10	Beatrice Mae Moore	H.W. 4	81314	done elsewhere
10	Beatrice Mae Moore	H.W. 4	81312	" " "
10	Roy E. Myer	H.W. 4	81275	" " "

County Deer Lodge Twp. 4 N Rce. 10 W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
10	Gordon Olson	H W 2	95376	
10	opportunity fire dept	H W 4	80573	
10	opportunity fire dept	H W 4	80754	James Olson
10	Raymond L. Otto	H W 4	81527	
10	Steve Radlock	H W 2	96045	
10	Robert Steinhilber	H W 4	81239	James Olson
10	James D. Patterson	H W 4	81441	
10	Lucy Peltier	H W 2	99543	
10	Charlene R. Peterson	H W 4	81228	
10	Charles C. Rice	H W 4	81523	
10	Clinton M. Rice	H W 4	81524	
10	Almon Rialand	H W 4	81485	
10	Dorothy & Donald Rollman	H W 4	81477	
10	Mary C. Smith	H W 2	85374	
10	Sid & Alice P. Stewart	H W 4	81431	
10	Antone & John Stipich	H W 4	80560	
10	Steve W. Stipich	H W 4	80561	
10	Merle Stone	H W 2	81219	
10	Ernest W. Strong	H W 4	81374	
10	Ernest W. Strong	H W 4	81393	James Olson
10	Neal M. Sturdevant	H W 4	81460	
10	Joseph A. Tuss	H W 4	81223	
10	Walter O. Tuss	H W 4	81132	
10	Marie Vaethie	H W 4	81204	
10	MR BRIDE, TOM	H W 4	81500	
10	Robert White	H W 4	81500	
10	Bert L. Wicke	H W 4	81207	
10	Leonard E. Walveston	H W 4	81470	
11	Frank W. Bizjak	H W 4	81324	
11	John Colucci	H W 4	81624	
11	Walter Dufe	H W 4	81438	
11	Donald F. Hates	H W 4	81406	
12	Bette Rae Ackerschott	H W 4	81513	
12	Luke Bizjak	H W 4	N/A	
12	Narold L. Johnson	H W 4	81229	
12	John J. Mestnik	H W 4	81736	
12	Abraham Miller	H W 4	81486	
12	Wesley J. ...	H W 4	81410	
12	JAMES B. HOFFER	H W 4	81391	
14	Donald F. Hates	H W 4	81407	
14	Gene Howard	H W 2	94914	
14	Leo A. Heiberger	H W 2	97338	
14	Roy Johnson	H W 2	77929	
14	Robert & Peggy J. Mead	H W 4	81247	
14	Louis Shay	H W 2	83627	
15	The Anacanda Comp	H W 4	81519	
15	The Anacanda Comp	H W 4	81518	

GROUNDWATER INDEX

County Leier Lodge

Page 74 of 100

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
15	Oslo Anderson	LW 4	81465	
15	Adam N. Arvick	LW 4	81066	
15	John J. Babak Jr.	LW 4	81586	
15	Henry Dieterman	LW 4	81463	
15	T. M. Ellingson	LW 4	81469	
15	John W. Lish	LW 4	81598	
15	Raymond A. Hvalaban	LW 4	81305	
15	Robert Ingemason	LW 4	81471	
15	William S. Melogue	LW 4	81513	
15	Jacob Maschnik	LW 4	80232	
15	Jacob Maschnik	LW 4	80233	Some are above
15	Jacob Maschnik	LW 4	80231	" " "
15	Clyde Meester	LW 2	79532	
15	Robert Nelson	LW 4	81328	
15	R. E. Perkins	LW 2	89615	
15	R. E. Perkins	LW 4	89616	Some are above
15	Curtis S. Petersen	LW 4	81447	
15	Peter Rafferty	LW 4	81353	
15	Edward & May Stinger	LW 4	81526	
15	Percy & Aili Dunberg	LW 2	79304	
15	Percy & Aili Dunberg	LW 2	79303	Some are above
15	Ernest H. & Erika Word	LW 4	81495	
15	W. H. Woodworth	LW 2		
15	Clinton & Marie Wipert	LW 4	81584	
15	Donald & Betty Wyant	LW 4	81355	
16	The Anacanda Corp.	LW 4	81149	
16	The Anacanda Corp.	LW 4	81148	Some are above
16	Ray Pierson	57 well log	N/A	
16	Nelva Pierson	LW 4	81517	
16	Andrew S. Tuss	LW 4	81194	
16	Andrew S. Tuss	LW 3	81398	
16	Vera A. Tuss	LW 4	81364	
18	Farrell Bates	LW 4	81356	
18	Olaf & Avelina Illquist	LW 4		
18	Clifford J. Cunningham	LW 4	81423	
18	Frances L. Fuller	LW 4	81485	
18	Howard Hamel	LW 4	81461	
18	Edwin Hamel	LW 4	81308	
18	Albert & Florence Johnson	LW 4	81270	
18	Albert & Florence Johnson	LW 4	81269	Some are above
18	Vera Johnson	LW 4	81504	
18	Winnie Johnson	LW 4	81220	
18	Gordon J. Kucera	LW 2	98246	
18	Mill Creek Co.	LW 3	81357	
18	Mill Creek W. Ass.	LW 3	81497	
18	Edgar C. Noll	LW 4	81304	

County Lee Lodge Twp. 4 N. Rge. 10 W.

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
18	Raymond A. Patterson	LW 4	81211	
18	Harry Z. Peck	LW 4	81455	
21	Mount Huggin Linestock	LW 2		
22	Phil H. Pick Jr	LW 4	81530	
23	William Ritchel	LW 4	81208	
27	The Onondaga Co.	LW 4	81152	
X 26	Dr H.E. Furgerson	LW 2	99743	below - best
26	M. H. E. Furgerson	LW 2	93773	monument at site
26	M. H. E. Furgerson	LW 2	73774	
26	M. H. E. Furgerson	LW 2	93772	
26	Don May	LW 2	95106	
26	Don P. Thompson	LW 4	81511	
26	Lennie Johnson	LW 2	81396	
26	Wm. Ritchel	57 well log	N19	
26	Vern A. Tusa	LW 3	81358	
26	Vern A. Tusa	LW 4	81359	
27	The Onondaga Co.	LW 4	81152	
27	Mt. Huggin Linestock	LW 2		
X 35	Lloyd Daniels	LW 2	99695	copy attached
36	Frances Jones	LW 4	81608	
36	John Jones	LW 2	81201	
36	John Jones	LW 4	81202	monument at site
36	James May	LW 2	99738	
36	Libert Tauscher	LW 4	81381	
36	Libert Tauscher	LW 4	81382	
NLD	John J. Balch	LW 4	81240	
NLD	William E. Hale	LW 4	81439	
NLD	Lennie Johnston Sr.	LW 4	81395	
NLD	Rudolph A. Prospan	LW 4	81320	
NLD	Michael B. Ryan	LW 4	81415	
X 26	Dr H.E. Furgerson	GW 2	99744	
26	Dr H.E. Furgerson	GW 2	99745	
26	Dr H.E. Furgerson	GW 2	99776	
26	Dr H.E. Furgerson	GW 2	99777	
X 35	Lloyd Daniels	GW 2	99696	
NLD	OPPORTUNITY FIRE DEPT	GW 2	72044	
11	Campbell, Raymond L.	GW 4	81434	
NLD	Bogus, James L.	57 well log		
NLD	Howard, R. J.	57 well log		
10	Nedda, Merle L.	57 well log		
14	Anderson, Clifford H.	GW 2		

County: Linn Page: 4 of 4

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
18	Raymond A. Patterson	LW 4	81211	
18	Harry H. Puck	LW 4	81455	
21	Mount Rogers Limestone Co.	LW 2		
22	Phil H. Puck Jr.	LW 4	81530	
23	William Ritchel	LW 4	81503	
27	The Onacanda Co.	LW 4	8152	
X 26	Dr. H. E. Furgerson	LW 2	99743	Below, listed
26	M. H. E. Furgerson	LW 2	93773	
26	M. H. E. Furgerson	LW 2	93774	
26	M. H. E. Furgerson	LW 2	93772	
26	Don Hay	LW 3	95106	
26	Don P. Bronkovich	LW 4	81511	
26	Lennie Johnson	LW 2	81376	
26	Wm. Ritchel	LW 2	N14	
26	Vern A. Tuss	LW 3	81358	
26	Vern A. Tuss	LW 4	81359	
27	The Onacanda Co.	LW 4	81152	
X 27	Mt. Haggin Limestone	LW 2		
X 35	Lloyd Daniels	LW 2	99695	Below, listed
36	Frances Jones	LW 4	8165	
36	John Jones	LW 2	81201	
36	John Jones	LW 4	81202	
36	James Ray	LW 2	99738	
36	Libert Tauscher	LW 4	81381	
36	Libert Tauscher	LW 4	81382	
NLD	John J. Balich	LW 4	81240	
NLD	William D. Hale	LW 4	81439	
NLD	Lennie Johnson Sr.	LW 4	81385	
NLD	Rudolph A. Puskau	LW 4	81320	
NLD	Michael B. Ryan	LW 4	81415	
X 26	Dr. H. E. Furgerson	GW 2	99744	
26	Dr. H. E. Furgerson	GW 2	99745	
26	Dr. H. E. Furgerson	GW 2	99776	
X 26	Dr. H. E. Furgerson	GW 2	99777	
X 35	Lloyd Daniels	GW 2	99696	
NLD	OPPORTUNITY FIRE DEPT	GW 2	92041	
11	Campbell, Raymond L.	GW 4	81434	
NLD	Bogue, James L.	57 Will log		
NLD	Howard, B. P.	57 Will log		
10	Nedda, Merle L.	57 Will log		
14	Anderson, Clifford H.	GW 2		

T. 4 R. 10
County Richmond

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Merle L. Medda Address Box 1, Aracoma
Driller Erica M. Lindsay Address Glancy, Montana
Date Started June 1951 Date Completed June 1951
Location: Sec. 10 T. 4 R. 10 ¼ sec. Tract 71

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

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

Casing: 0 ft. to 33 ft. Type 19 lb Size 6 inch
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

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

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

Pumping water level _____ feet at 20 - 30 gal. per min.

How tested: galer

Length of test _____

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

Casing welded and strapped

(over)

File No.

T. R.

DUPLICATE

County Jefferson

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

Clifford H.

Owner Mr. Anderson Address Opportunity

Driller Wes Lindsay Address Clarey, Mont.

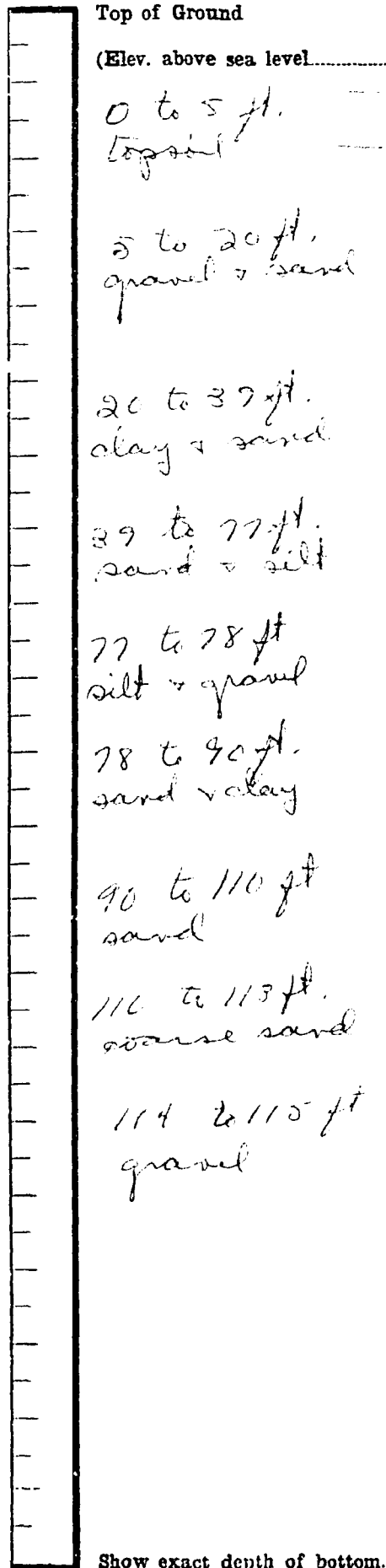
Date of Notice of appropriation of groundwater.....

Date well started July 12, 1968 Date completed Aug. 19, 1968

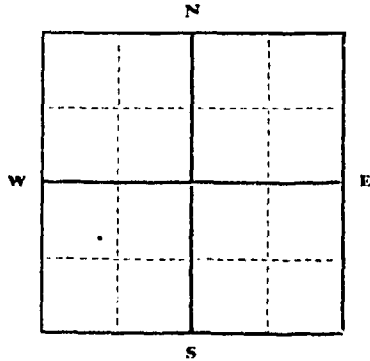
Type of well drilled Equipment used churn
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 lb	0	114			



NW 1/4 Sec. 14 T. 4N R. 10W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 6 feet.

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

Pumping Water Level..... 30 feet
at..... 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... pump

Length of Test..... 2 hrs.

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

(Continue on reverse side)

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

Irrigate yard & garden

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.

38
Driller's License Number

Wesley Lindsay
Driller's Signature

44,834

RECEIVED

T. HN R. 10W
County DeWitt

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Harold J. (S&C) Address 312 E

Driller Public Works Dept Address 1021 1/2 St

Date Started 6/2/66 Date Completed 6/2/66

Location: Sec 4-12 T 4N R 10W 1/4 sec.

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

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

Casing: 2.1 ft. to _____ ft. Type _____ 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. 20'

How tested: _____

Length of test: _____

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

(over)

File No. _____

T 4 North 10 West

DUPLICATE

County Deer Lodge

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

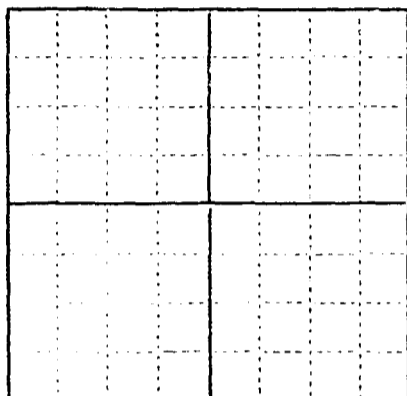
RECEIVED
 JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **Robert W. Kilbourn** (Name of Appropriator) of **R. 1, Box 33B** (Address) **Anaconda** (Town) **59711**
 County of **Deer Lodge** State of **Montana**
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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 the watering of grass and trees**
3. Date or approximate date of earliest beneficial use* and how continuous the use has been **June 1944**
Household- continuous
Outside- occasional, during summer months
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Four and one third acres, sloping eastward. About one acre of the total is watered.
Robert W. Kilbourn
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Household use- electric motor - pump
Outside- electric motor driven pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Household well- 1945
Outside well- June 1956
8. The depth of water table **Summer months- 3 1/2 feet. Winter- 12 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
One driven pipe well, inside the house
electric motor driven pump (1/2 h.p.)
One six inch iron casing enclosing:
one 2 1/2 inch pipe for possible use of community fire engine,
one 1 inch pipe for use in watering grass and trees- electric motor driven pump. (3/4 h.p.)
10. The estimated amount of groundwater withdrawn each year **46,500 gallons (annual)**
11. The log of formations encountered in the drilling of each well if available **Lake bottom- sedimentary soil 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 **The land was purchased from the Anaconda Company by an employee, Robert W. Kilbourn for personal use as a home. The land was originally laid out into 10 acre tracts for grazing or limited agriculture.**

Signature of Owner

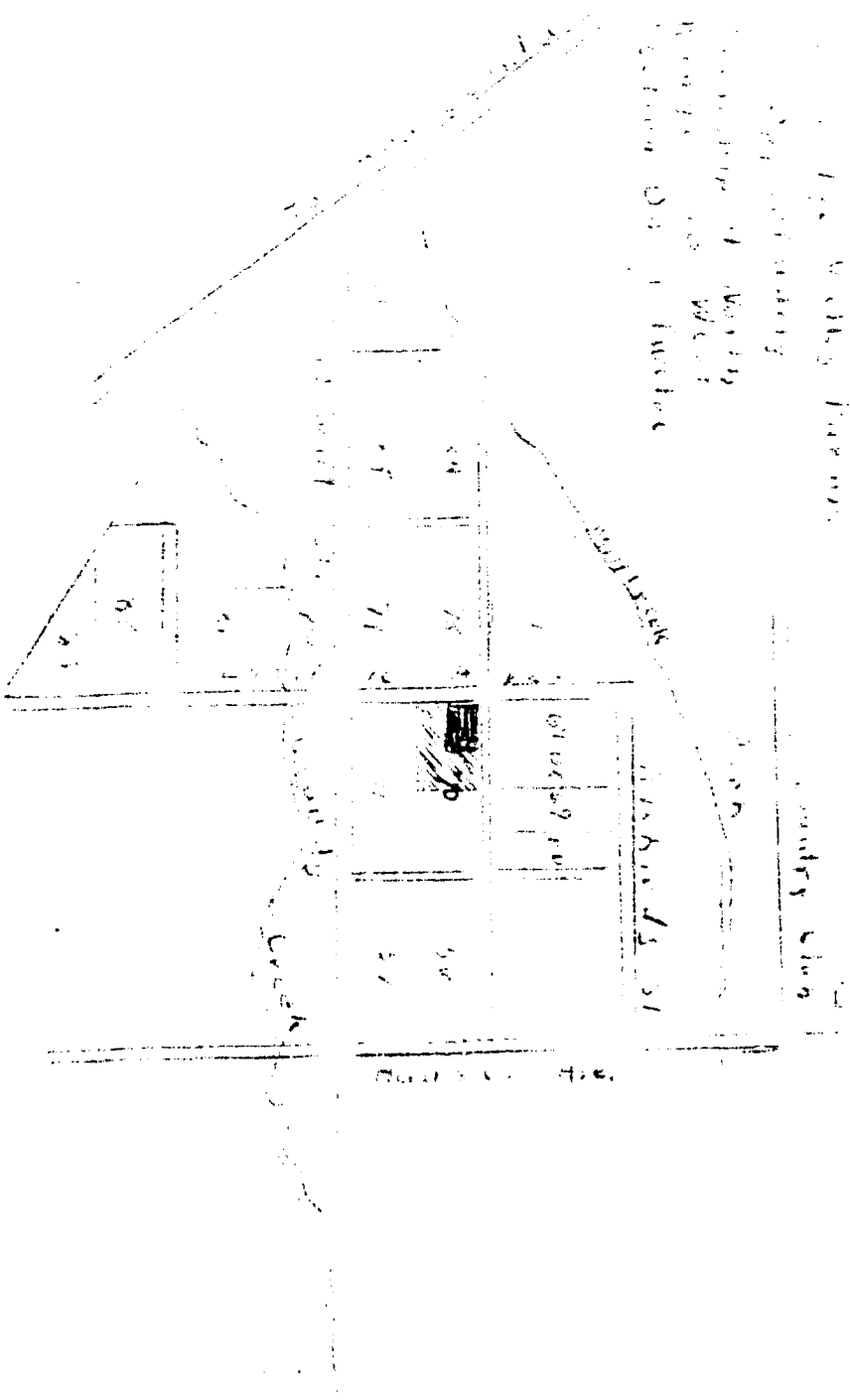
Robert W. Kilbourn
 Date *Dec 30 1963*

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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

1/25 1/25 1/25
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FILED FOR RECORD

December 31 1963

at 24 minutes past 10 o'clock
A. M.

Paul M. Kelly
CITY CLERK

File No.

T. ... R. ...

DUPLICATE

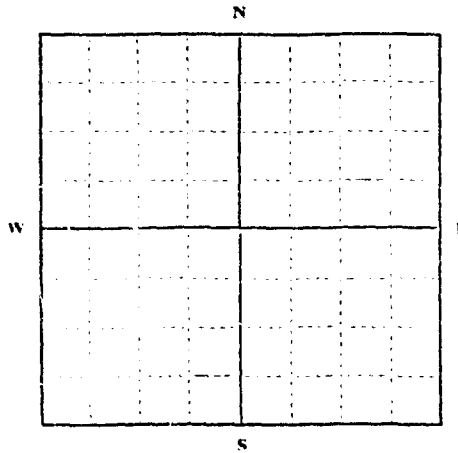
County Beauregard

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Malcolm R. Morse of Amended Rt 1 Box 40 Sp.
(Name of Appropriator) (Address) (Town)
County of Beauregard 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.

Portion of land 64, sections 13 & 14, N. R. 10 W. 17 Twp 4 Sp.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been approx 6th 1950
continuous for 12 years

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 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
NO

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 April 3rd 1950 completed approx 6th

8. The depth of water table 4 ft in summer & 6 ft in the winter

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 1/2 in diam pipe 30 ft deep

10. The estimated amount of groundwater withdrawn each year around 3000 gal

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Malcolm R. Morse

Date 12-31-63

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

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

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

28872

8/23/68

81594

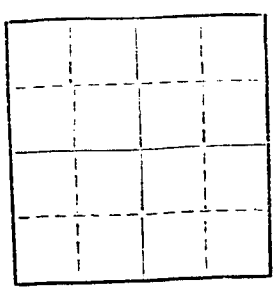
FILED FOR RECORD
January 7 1964
at 29 minutes past 1 o'clock
P. M.
By ARCE CHERRY
Carol McCarthy
Dec 11

STATE OF MONTANA
DEPARTMENT OF MINES AND GEOLOGY

T. H.V. R10W
County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner: Edward Kottberg Address: _____
Driller: C.F. Froble Address: PO Box 170
Anaconda Mont.
Date Started: July 20 1959 Date Completed: July 22 1959
Location: Sec. _____ T. _____ R. _____ S. _____

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

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

Casing: Surface ft. to 114 ft. Type: Standard Size: 6"

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

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

Perforated or Screened: Ft. 109 to ft. 114 Ft. _____ to ft. _____

Type of screen or perforations: 1/8 in. X 5 in. slots

Static Water level, for non-flowing well: 8 feet.

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

Pumping water level: 60 feet at 15 gal. per min.

How tested: Air compressor

Length of test: 2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
14 ft. gravel pack 3/4" X 2" rock

(over)

File No. _____

T. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

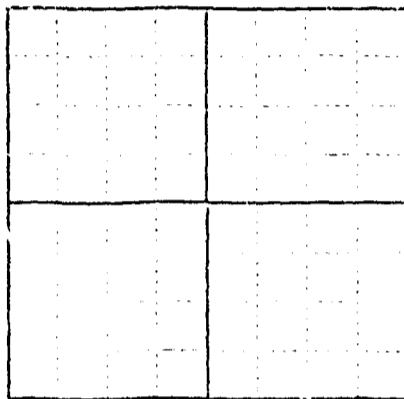
RECEIVED
MAY 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. G. M. Patterson of Bozeman, Bozeman Town
(Name of Appropriator) (Address) (Town)
County of Richmond State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 17 T. 4 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. Residential

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Since 1962. Continuous daily use.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 1/2" hole. Motor type pump. Located by house.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Started to complete in 1962.

8. The depth of water table. 10'

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 (1) 2" diameter well to 24'

10. The estimated amount of groundwater withdrawn each year. 40,000

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

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

Signature of Owner G. M. Patterson
Date 5/27/63

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.

81210

FILED FOR RECORD

December 27 19 63
at 40 minutes past 2 o'clock
P. M. ANNA QUIGLEY

County Recorder
By Carol Mc Carthy
Deputy

File No.

T. R.

DUPLICATE

County.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

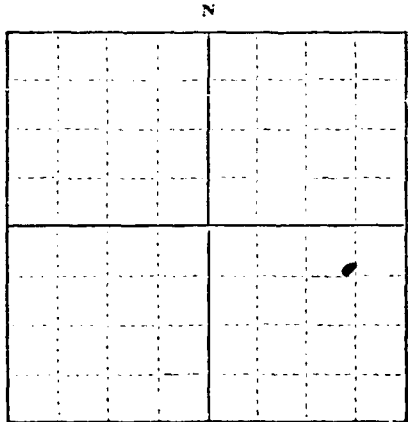
JAN 2 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth Schofield of RFD-1 Amconda
(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 acre
1/4 Sec. 17
Sec. 17 T. 4 N. R. 10 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 drinking water and household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1962 used as normal water system as required

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 9 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 no irrigation

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 July 1962

8. The depth of water table 52

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 52 feet deep 4" casing drilled well

10. The estimated amount of groundwater withdrawn each year 31,200 gallons

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 not applicable

Signature of Owner Kenneth Schofield
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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

RECEIVED

STATE ENGINEER

T. 4N R. 10W

County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Dr. C.E. Shonnard Address 200 Evergreen
Anaconda Mont.
 Driller C.E. Frobie Address PO Box 170
Anaconda Mont.
 Date Started October 5 1958 Date Completed Jan. 16 1959
Lot 1
 Location: Sec. 4 T. 5N R. 11W 1/4 sec.

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

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

Casing: Surface ft. to 245 ft. Type Standard Size 8"

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

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

Perforated or Screened: Ft. 230 to ft. 245 Ft. _____ to ft. _____

Type of screen or perforations Slots 1/4" X 5"

Static Water level, for non-flowing well: 149' feet.

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

Pumping water level: 235 feet at 160 gal. per min.

How tested: Bailed 4 hours Air Compressor 9 hours

Length of test: _____

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

(over)

81261

FILED FOR RECORD
December 30 1963
at 37 minutes past 1:00 o'clock
P. M. ANNA QUISELA
County Recorder
Carol McLaughlin
Deputy

File No. _____

T. HN R. 10W

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED

County New Lodge

LOG

JUL 1 1969

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

Owner W. M. M. M. M. Address 300 University Blvd

Driller Wesley Lindsay Address Coleman Street

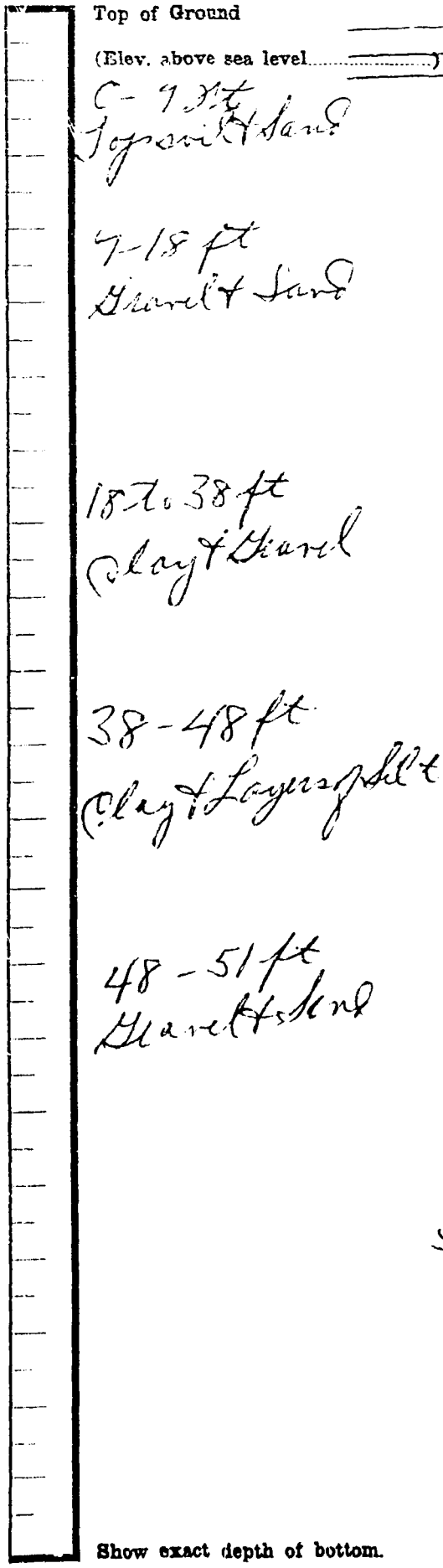
Date of Notice of appropriation of groundwater _____

Date well started June 10th 69 Date completed June 11th 1969

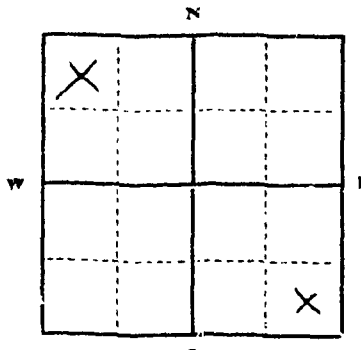
Type of well Drilled Equipment used Churn
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 lb.	0	50	None		



Static Water Level for non-flowing well 5-6 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 20 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump

Length of Test 2 hrs

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

SE 1/4 Sec 15 T. 14 R. 10 W. 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).

Irrigated yard & Garden

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.

38
Driller's License Number
Wesley Lindsay
Driller's Signature

45389

91728

FILED FOR RECORD

at 10 minutes past 10 o'clock
10 M

HELEN L. LOVELL

County Recorder

By M. J. [Signature]
Deputy

s. [Signature]

File No.

T. 4 R. 10

DUPLICATE

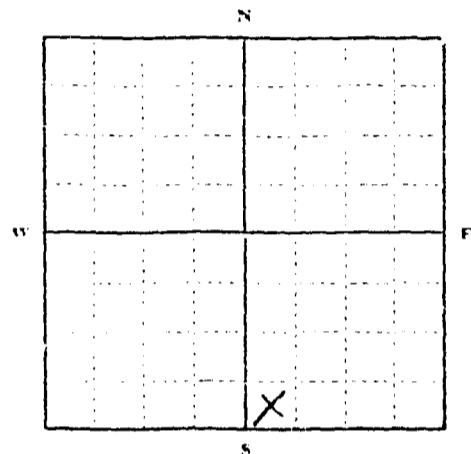
County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mary Ann Haveran of Route #1 Box 119, Prussell
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 1 T. 4 R. 10

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

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

3. Date or approximate date of earliest beneficial use; and how continuous: the use has been 1936

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 Lawn

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1/2 H.P. Deep Well Jet Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1936

8. The depth of water table. 22'

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" drilled with 6" casing

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.

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 Mary Ann Haveran
Date 12-31-63

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

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

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

28749

5422

FILED FOR RECORD

December 31 1963

at 07 minutes past 11 o'clock

11. M. **ANNA QUIGLEY**

Carroll McLooney
County Recorder
Deputy

96100

County Deer Lodge

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 The Anaconda Company

Address Anaconda, Montana

Date well started June 1, 1971
completed June 10, 1971

For Administrator's Use	
File #	<u>96100</u>
Date	<u>September 21, 1971</u>
Time	<u>2:16 PM</u>
GW 1	

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

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

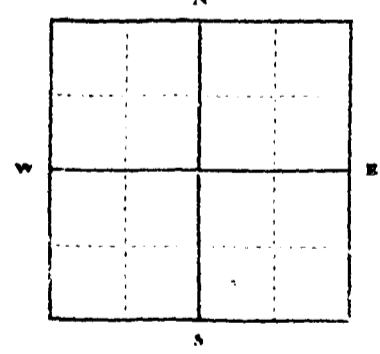
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

*Describe Dust control on tailings dikes.

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). 3 acres, SW 1/4, SE 1/4, Sec. 6, T 4 N, R 10 W.

ESTIMATED ANNUAL WITHDRAWAL 250,000 Gals.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
8"	8 5/8" od x .250	19" ag	98'	cutting		
				torch	203'	207'
	6 5/8" od liner	16" ag	210'			



Static water level 174' ft.
Pumping water level 180' ft.
at 55 gallons per minute,
measured minutes after pumping
began.
*Measured from ground level.
Well developed by test pump
for 2 1/2 hours.
Power 2 hp Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

SW 1/4 SE 1/4 Sec. 6
T. 4 N. R. 10 W. E

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

Driller's Signature O'Keefe Contracting Company
Driller's Address W.F. Keefe
2004 Harvard Avenue

Intate, Montana LICENSE NO.

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground		Feet above sea level
From (Feet)	To (Feet)	
0'	98'	
98'	105'	sand with some gravel
105'	170'	cemented gravel
170'	184'	sand & gravel
184'	194'	2 1/2 gpm water
194'	194'	fine sand and gravel
198'	210'	sand and gravel water

210' Show exact depth of bottom

49138

96/00

FILED FOR RECORD

Sept 21 1971
at 10 minutes past 2 o'clock

P. M.
Helen L. Lovell
County Recorder

By Maryann R. Steyer
Deputy

20

