

File No.

T. 5 R. 10 West

DUPLICATE

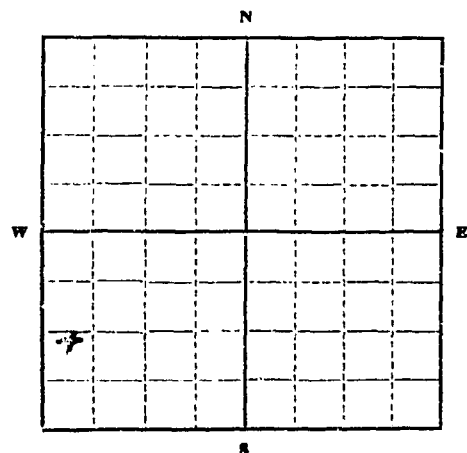
County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William Speelman of East 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.....
for household use and garden use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been..... 1958 steady for household use and summer use for garden
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 75 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.....
2 1/2 acres in SW 1/4 Sec 4, T 5, R 10 West, William Speelman
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... March 11, 1958 - March 13, 1958
- 8. The depth of water table..... 65 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, 6 inch casing, depth 180 feet
- 10. The estimated amount of groundwater withdrawn each year..... not available
- 11. The log of formations encountered in the drilling of each well if available..... not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record..... not available

Signature of Owner

William L. Speelman

Date December 30, 1963

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

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

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

28860

81535

FILED FOR RECORD

December 31 1963

11:55 minutes past 12 o'clock

P.M.

ANNA QUIGLEY

County Recorder

Carol Mc Carthy

Deputy

File No.

T. 5 R. 10 West

DUPLICATE

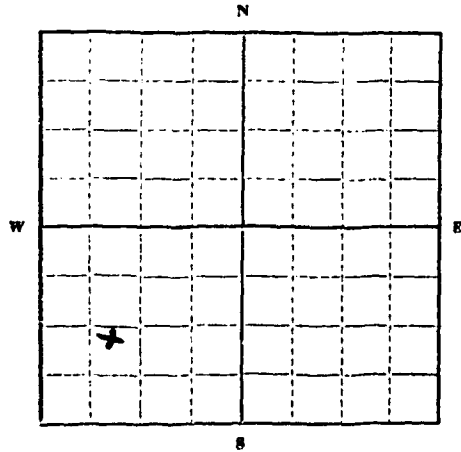
County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William Speelman of East 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:



SW 1/4 Sec. 4 T. 5 R. 10 West

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 watering livestock and irrigation

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 70 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 70 acres SW 1/4, Sec 4, T. 5, R. 10 West, William Speelman

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 6, 1958 - March 10, 1958

8. The depth of water table 55 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, 6 inch casing, 160 feet depth

10. The estimated amount of groundwater withdrawn each year not available

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

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

Signature of Owner William L. Speelman

Date December 30 1963

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

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

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

81536

FILED FOR RECORD

December 31 1963

at 56 minutes past 12 o'clock

P.M.

ANNA O'NEILL

Carol Mc Carthy

Deputy

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—4262

Form No.

File No. _____

6-29-73

T. 5 R. 10 WEST

DUPLICATE

MONTANA DEPARTMENT OF NATURAL RESOURCES

County DEER LODGE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

CORRECTION

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1944

Owner WILLIAM SPEELMAN Address ANACONDA

Contractor (if any) NONE

Address of Contractor NONE

Date Started MAY 1944 Date Completed JUNE 1944

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

SPRING & RESERVOIR

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.

ESTIMATED 300 INCHES USED EIGHT

MONTHS OF THE YEAR FOR IRRIGATION

Signature of Owner William S. Spelman

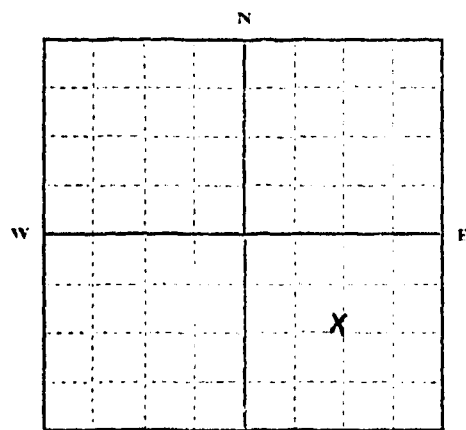
Date June 28, 1973

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.



SE 1/4 Sec. 5 T5N R10W

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

USED ON SW 1/4
SEC. 4 T5N R10W

99737

FILED FOR RECORD

June 28 1972
at *42* minutes past *11* o'clock
A M *Helen L. Lovell*
County Recorder
By *Margie M. Crosby*
Deputy

700

File No.

T. 5N R. 10W

DUPLICATE

County Deer Lodge

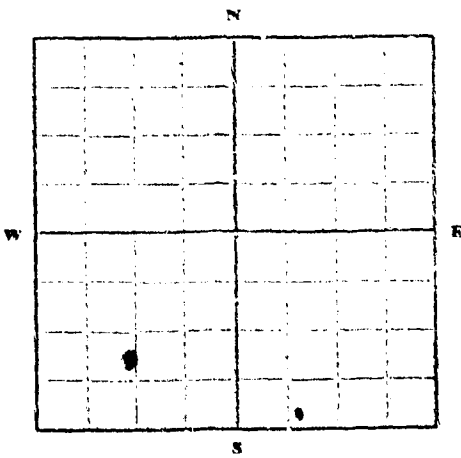
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963

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

STATE ENGINEER

1. The Anaconda Company of Box 640, 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. 5 T. 5N R. 10W

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, stock and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Approximately 1931
Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 40 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. The Anaconda Company
Section 5, Township 5 North, Range 10W

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Modesty School Well No. 18
Sec. 5, Township 5 North, Range 10 West

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1931

8. The depth of water table. Approximately 10 Feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 12" well, 32 Feet Deep, 6" casing.

10. The estimated amount of groundwater withdrawn each year. Capacity of well.

11. The log of formations encountered in the vicinity of each well if available. See back.

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 Anaconda Company

Signature of Owner [Signature]

Date August 18, 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.

Well Log - Well No. 13 - Modesty School Well
SW $\frac{1}{4}$ Section 5, Township 5 North, Range 10 West

1 to 27' Gravel and clay
27 to 34' Clay
34 to 59' Fine and coarse gravel, some clay.

6" Casing Used.
Water rose within 3' of top of casing.
Estimated capacity - 40 gallons per minute.

81143

FILED FOR RECORD

December 17 1963

at 50 minutes past 3 o'clock

P. M. ANNEX QUINCY

David S. McPartland

Quincy

File No.

APR 15 1966

T. 5N R. 12W

DUPLICATE

Owner McDermott Address Spring Gulch
County Deer Lodge
State STATE OF MONTANA
Department ADMINISTRATOR OF GROUNDWATER CODE
Division OFFICE OF STATE ENGINEER

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

38 ft
RISE

over
100 ft.

Section Sec. 6 T. 5N R. 12W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner McDermott Address Spring Gulch
Driller Elmer Riddock Address Helena, Montana

Date of Notice of Appropriation of Groundwater Don't know

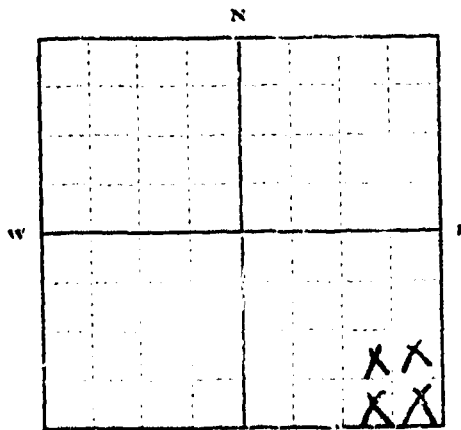
Date well started Don't know Date Completed Don't know

Type of well driller Equipment Used Don't know
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
1"	6"					



Static Water Level for non-flowing Well DONT KNOW feet.

Shut-in Pressure for Flowing Well DONT KNOW

Pumping Water Level DONT KNOW feet at DONT KNOW gal. per minute.

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

How Tested DONT KNOW Length of Test.....

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) Approx 5 acres

Driller's License Number
Driller's Signature

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

46974

86749

FILED FOR RECORD

April 14 1966
at 28 minutes past 2 o'clock

M
Annie Lingley
County Recorder

By _____ Deputy

300

3

3

GW3

File No.

DUPLICATE

T. R.

County Beauregard

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DATE 1963
ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1941

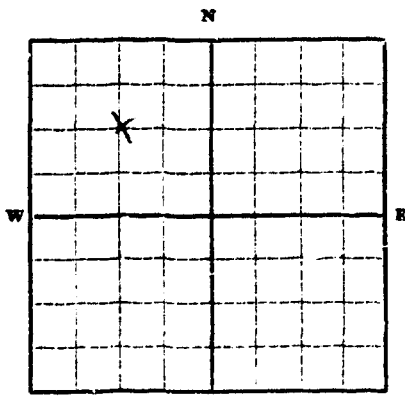
Owner W. A. BROWN Address P.O. BOX 160 ANACOSTIA MONTANA

Contractor (if any) NONE

Address of Contractor

Date Started 2/28/60 Date Completed 2/28/63

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. PAVED TO A CEMENT BOX. CEMENT BOX COMPLETED IN 1962



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

N. 1/4 Sec. 7 T. 5N. R. 10W

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

FLWS 30 GALLONS PER MINUTE FOR HOUSE + IRRIGATION USES USED CONSTANTLY.

Signature of Owner W. A. Brown

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 School of Mines and Quadruplicate for the Appropriator.

28678

CVS

File No. _____

DUPLICATE

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

RECEIVED
MAY 27 1964

County Deer Lodge

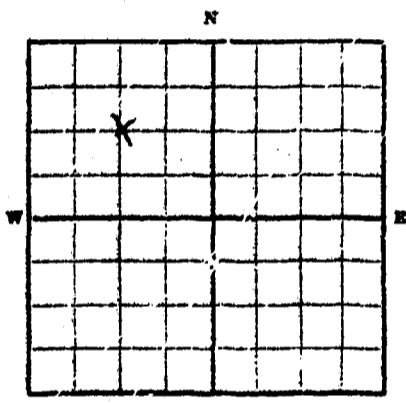
JAN 9 1964

ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1911
Owner W. A. BROWN Address Rt. 1 Box 160
Deer Lodge, Montana
Contractor (if any) NONE
Address of Contractor _____
Date Started 5/28/60 Date Completed 5/28/60



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. PAVED TO A CEMENT BOX. CEMENT BOX COMPLETED IN 1962

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 _____

N.W. 1/4 Sec. 7 T5N R10W
Indicate point of appropriation and place of use, if possible.

FLows 30 GALLONS PER MINUTE FOR HOUSE + IRRIGATION USES. USED CONSTANTLY.

Signature of Owner W. A. Brown
Date MAY 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 School of Mines and Quadruplicate for the Appropriator.

28678

81351

FILED FOR RECORD

December 31/19 63

at 50 minutes past 2.00 o'clock

A. M.

ANNA QUIGLEY

County Recorder

Lawrence J. Laddy

Deputy

File No. _____

T. _____ 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)

99753
60873
2067

Date of Appropriation of Groundwater 1941

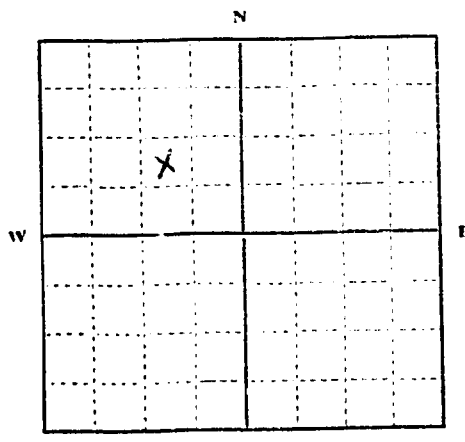
Owner Stanley Larivee address RFD #1 Box 240
AND CO. CO., MONT

Contractor (if any) None

Address of Contractor _____

Date Started 32 yrs ago Date Completed 1962

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Measured into a Cement box. Cement box completed in 1962 Spring



N.W. 1/4 SW Sec. 7, T. 5, R. 10.
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.

Flows 30 gallons per minute. For House + irrigation uses. Used constantly

Signature of Owner Stanley Larivee

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.

5535

99753

FILED FOR RECORD

June 29 1973
at 20 minutes past 2 o'clock

P M HELEN L. LOVELL

County Recorder

By *Lina Stulik*
Deputy

200

File No.

T. 5 N R. 10 W

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

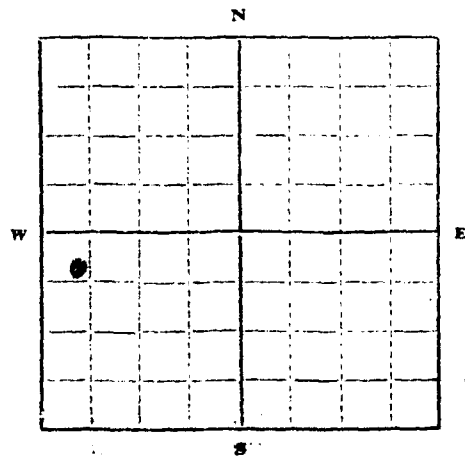
RECEIVED
DEC 19 1968

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. The Anaconda Company, of Box 640, 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:



NW 1/4 SW 1/4 Sec. 10 T. 5 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.....
Domestic, stock and irrigation.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been.....
Approximately 1931 - continuous use.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
The Anaconda Company
Section 10, Township 5 North, Range 10 West.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Peterson Well No. 1
NW 1/4 Section 10, Township 5 North, Range 10 West

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
1931

8. The depth of water table.....
61.91 feet. Sept. 7, 1960

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, 183 feet deep, 6 1/2" casing-

10. The estimated amount of groundwater withdrawn each year.....
Capacity of well.

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

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 Anaconda Company
Signature of Owner.....
E. E. Ferguson, D.V.M.
Date.....
August 15, 1968

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.

81133

FILED FOR RECORD

December 17 1963

at 20 minutes past 2 o'clock

P. M. ANNA QUIGLEY

Carol McLaughlin

3709

Well Log - Well No. 1, Peterson Place, Township 5 North, Range 10 West

- 6 1/2" casing used.
- 1' to 65' - Gravel and clay, gravel 2 to 3 inches diameter. Occasional small layers of clay approximately 1" thick.
- 65' to 85' - Streaks of gravel, sand and clay (clay soft).
- 85' to 100' - Mixture sand, quicksand and clay (first water at 90').
- 100' to 135' - Gravel and clay.
- 135' to 175' - Small gravel streaks, principally clay and sand. Gravel much finer.

Length of casing: 139'9"
 Lengths used: 23'; 22'7"; 22'5"; 21'2"; 22'1"; 22'6".
 Pipe perforated from 110' down.
 Working barrel used - Myers 2"
 Ramhead used: Myers No. 94
 Pipe used: 2" galvanized - 130'9"
 Length of pipe below working barrel - 18'8"
 Rods used: 1-1/8" Oregon Fir with 5/8" machined couplings.
 Number of couplings used: 7
 Estimated capacity of well - 220-225 gallons per hour

Additional Note - September 4, 1931: Perforated about 40 new holes starting at 90 feet and going down. There was about 5 feet of mud in well when cleaning started. Five feet of pipe was out off the bottom end of the 2-inch pipe in well.

File No.

T. 5N R. 10W

DUPLICATE

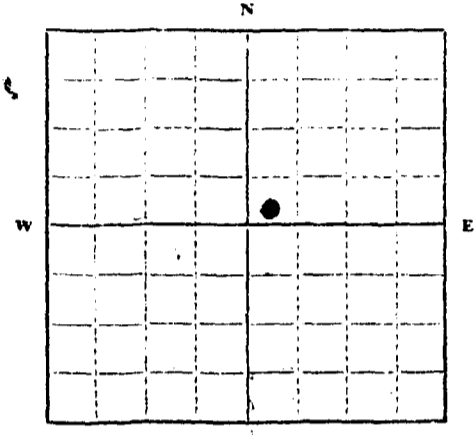
County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963

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

1. The Anaconda Company of Box 640, 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:



SW 1/4, Sec. 16, T. 5N, R. 10W

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, stock and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Approximately 1930.
Continuous Use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
50-60 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.....
The Anaconda Company
Section 16, Township 5 North, Range 10 West

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Cosens Ranch Well No. 9
SW 1/4, Section 16, Township 5 North, Range 10 West

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
1930 - Fall

8. The depth of water table.....
37.40 Feet - July 4, 1930.

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, 101 Feet Deep, 6 1/2" Casing.

10. The estimated amount of groundwater withdrawn each year.....
Capacity of well.

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

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 Anaconda Company
Signature of Owner.....
H. A. Morgan
Date.....
August 15, 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.

Well Log - Well No. 9 - Cosens Ranch
Section 16, Township 5 North, Range
10 West

6 1/2" casing used.

1 - 62' - Dry gravel and clay
62 - 75' - Clay
75 - 77' - Sand and gravel
77 - 87' - Heavy Clay
87 - 99' - Clay, gravel and sand. Water at 99'.
99 - 101' - Gravel

Myers 3" working barrel used.

Myers No. 95 Pumphead used.

1 1/2" of 3" galvanized pipe used.

1-5/8" pump rod used with 1-5/8" couplings.

This well is in the alluvial fan of Angelope Creek, superimposed on the melt water clay of the Base Track Glacier.

FILED FOR RECORD

December 17 1963
at 45 minutes past 2 o'clock
P. M.
ARNA COCHRAN

Arna Cochran
County Recorder
Deer Creek, Wyo.

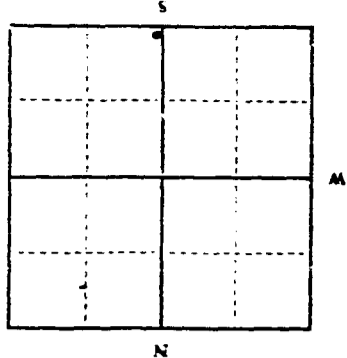
51142

State number of acres and location or other data (i.e. Lot, Block and Addition):

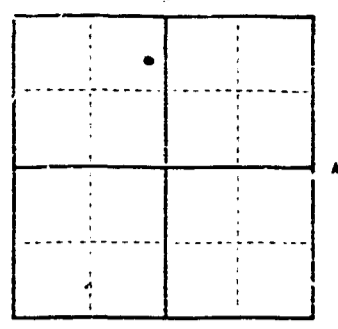
ESTIMATED ANNUAL WITHDRAWAL

Size of Well (Feet)	From (Feet)	To (Feet)	Kind	Size	From (Feet)	To (Feet)
6" ID	2'	30'	Steel			

Static water level ft. 15
Pumping water level ft. 27
at gallons per minute,
measured minutes after pumping
began.
*Measured from ground level.
Well developed by
for hours.
Power Test Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shaft)



97990
FILED FOR RECORD
Aug. 11 1972
at 35 minutes past 8 o'clock
A.M.
Allen L. Farrell
County Recorder
By _____ Deputy



Static water level, 110 ft.
Pumping water level, 100 ft.
at 30 minutes per minute.
measured 30 minutes after pumping
began.
*Measured from ground level.
Well developed by _____
for _____ hours.
Power 2 1/2 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

Size of Hole Drilled	Size and Weight of Casing	From (Feet)		Kind Size	To (Feet)	
		From	To		From	To
		100	130	2 1/2		

PERFORATIONS

ESTIMATED ANNUAL WITHDRAWAL
state number of acres and location or other data (i.e. Lot, Block
and Addition):

18684

FILED FOR RECORD
August 1972
at 30 minutes per 8
A. L.
James H. Howell
County Recorder
By _____ Dep. _____
R. O. _____

File No.

T. R.

DUPLICATE

County BEAVERHEAD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

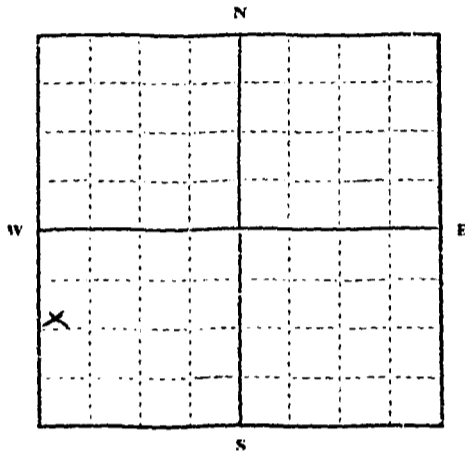
JAN 5 1964

ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John A. Blum, of Beaverhead, Montana
(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. 17 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 use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1939
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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 electric jet pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started 1939 completed 1939
- 8. The depth of water table 15 feet
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 5" (50) well only
- 10. The estimated amount of groundwater withdrawn each year household use for three hours a week
- 11. The log of formations encountered in the drilling of each well if available see log
- 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 John A. Blum
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.

28755

51428

FILED FOR RECORD

December 3 1963

at 07 minutes past 11 o'clock

A.M.

ANNA DUGLEY

County Recorder

Paul M. Carby

File No.

T. 5 R. 10

DUPLICATE

County Beaumont

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

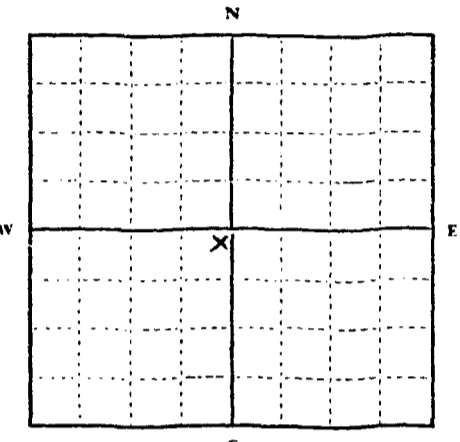
JAN 3 1962

REGISTER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arthur H. Apple, of 300 West Park Street, Accord
(Name of Appropriator) (Address) (Town)
County of Beaumont State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1 1/2
Sec. 17 T. 5 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.....
Agricultural Irrigation
- 3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been..... 1939; used by three
cars 20, 40, and 60, with only intermittent
use since that time
- 4. The amount of groundwater claimed (in miner's inches or gallons
per minute)..... 12 inch casing
- 5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
1 1/2 ac. Sec. 17
- 6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.....
Gallego pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater..... 1955
- 8. The depth of water table..... 50 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..... 150 foot deep
- 10. The estimated amount of groundwater withdrawn each year..... 12 inch casing
- 11. The log of formations encountered in the drilling of each well if available..... see attached
- 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 Arthur H. Apple
12/31/62

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

28753

81426

FILED FOR RECORD

December 31 1963

at 05 minutes past 11 o'clock

A.M.

CLERK OFFICE

Clerk, Recorder

Paul S. Lathby

Deputy

File No.

T. ... R. ...

DUPLICATE

County ...

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

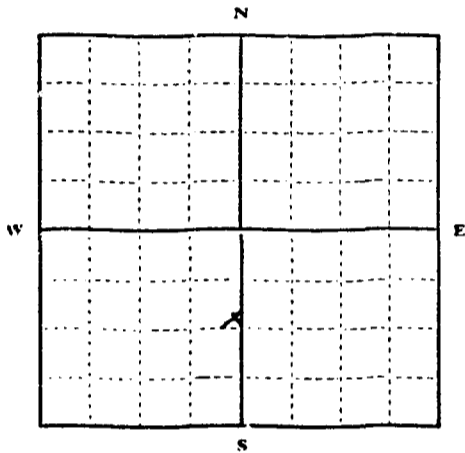
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Tri-Vick Agency, of 100 West 1st St., Glasgow
(Name of Appropriator) (Address) (Town)

County of DEER State of MONTANA

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



SW $N \frac{1}{2}$
 $\frac{1}{4}$ Sec. 17 T. 5 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...
crop and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
1946 -- not used

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof...
1 1/2 of 20 1/4 (3/4)

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...
1946

8. The depth of water table...
25 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...
2 1/2 inch casing

10. The estimated amount of groundwater withdrawn each year...
2 inch casing

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

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 Natalie J. Stogatz
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.

28754

81427

FILED FOR RECORD

December 31 1963

at 06 minutes past 11 o'clock

A. M. **HENNA OUGLES**

Lawrence M. Carthy
County Registrar
Dublin

File No.

T 570 R 10 W

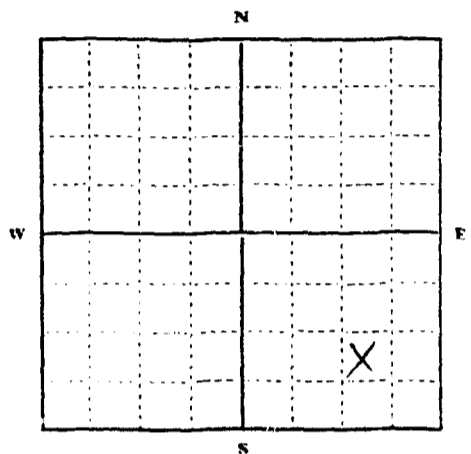
DUPLICATE

County Beaverhead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Fred Backer (Name of Appropriator), of Maconda Mont (Address) (Town)
County of Beaverhead State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec 3 T57N R10W

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 hole use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Jan 1959.
- 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

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
- 8. The depth of water table 27 ft.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
- 10. The estimated amount of groundwater withdrawn each year about 300 bu/yr
- 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 Fred Backer
Date Jan 2, 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.

81341

FILED FOR RECORD

December 31 1963
at 40 minutes past Two o'clock
A. M. ANNA QUIGLEY

Carol McEnty
County Registrar
Deputy

File No.

T. ... R.

DUPLICATE

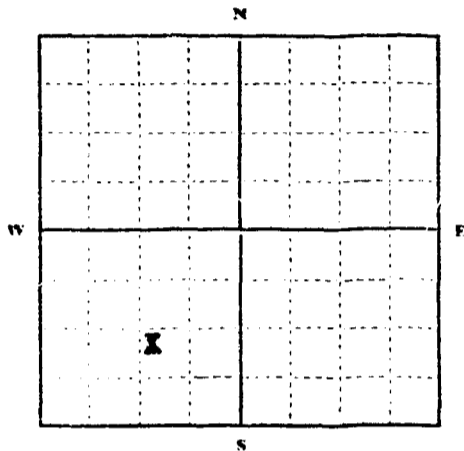
County **Beaver Lodge**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Vernon Bisby**, of **Highway No. 48 East of Anaconda**
(Name of Appropriator) (Address) (Town)
County of **Beaver Lodge** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S²SW¹/₄ Sec. 23 T. 5 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 **household use and sprinkling**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been **August 1962; has been used since this date.**

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 **None**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **electric pump with 1 1/2 inch pipe**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **1 week in August 1962**

8. The depth of water table **5 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 **Sears Smart No. 30; 1 1/2 inch withdrawal pipe; 21 feet deep; 600 gallons / hour.**

10. The estimated amount of groundwater withdrawn each year **68,250 gallons**

11. The log of formations encountered in the drilling of each well if available **None**

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

Signature of Owner *Vernon Bisby*
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.

28705

81378

FILED FOR RECORD

December 31 1963

at 17 minutes past 10 o'clock
A.M.

ANNA O'GLEY

Carol McCarthy

GV

File No.

DUPLICATE

T. R.

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 10 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

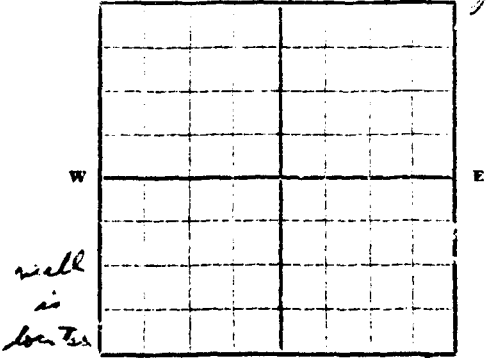
STATE ENGINEER

1. Howard William Colburn of Highway 48, Avenue
(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:

unable to locate well on the graph



One mile west of junction 10³ and Highway 48
SE 1/4 Sec. 23 T5 N. 12. R. WEST

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 home and garden use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. May 18 1957
well has been in continuous use since drilled
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 gallons per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used for irrigation
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal water will be drawn by electric pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well was started on May 16 1957 and completed on May 18 1957

8. The depth of water table at 58 feet to water depth was 2 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
The well is a drilled well with 6" pipe casing being used and is drilled to a depth of 58 feet.

10. The estimated amount of groundwater withdrawn each year 24,000 gallons

11. The log of formations encountered in the drilling of each well if available 2 ft. of top soil, 2 1/2 ft. clay, 15 1/2 ft. of brown sand, 4 ft. sand and gravel, 3 ft. light sand and gravel, 10 ft. light sand and gravel, 7 ft. of clay (grey), 8 ft. of clay (light brown), 6 ft. of hard sand, 2 ft. of water-bearing blue gravel, 58 ft. in depth of well.

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 well was drilled by C.F. Wroble who's registration no. is 233

Signature of Owner Howard William Colburn

Date February 5, 1962

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

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

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

FILED FOR RECORD

at 27 minutes past 9 o'clock
Feb 1962
M.

By Anna Quigley
ANNA QUIGLEY
COUNTY CLERK & RECORDER
DEER LODGE COUNTY
ANACONDA, MONTANA

GW2

File No.

T. 5 R. 10

DUPLICATE

County *Deer Lodge*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 3 1962

Notice of Completion of Groundwater Appropriation by Means of Well ENGINEER

Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level)

Surface - 2 ft. Top Soil
2 ft to 4 1/2 ft. Clay
4 1/2 ft to 20 ft. loose sand
20 ft to 24 ft. sand & gravel
24 ft to 34 ft. loose sand
34 ft to 46 ft. Clay
46 ft to 50 ft. Bentonite
50 ft to 52 ft. sand
52 ft to 55 ft. sand & gravel
Water Bearing

Owner *Stanley Dances* Address *Star Route 45*

Driller *C. F. Winkle* Address *Mill Creek*

Date of Notice of Appropriation of Groundwater *April 20, 1962*

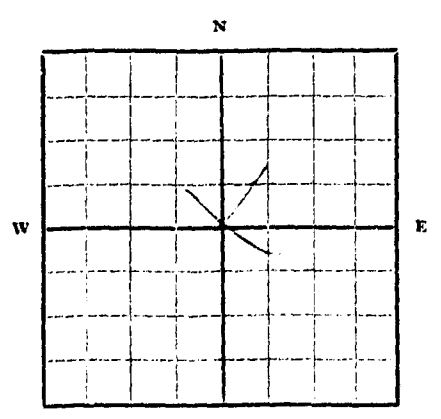
Date well started *April 20, 1962* Date Completed *April 21, 1962*

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)
<i>6 in</i>	<i>Standard</i>	<i>Surface</i>	<i>55 ft</i>			



W 1/2 Sec 23 T. 5 R. 10
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well *8* feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level *43* feet at *20* gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested *Bailed* Length of Test *2 hours*

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

Montana State 62
Driller's License Number

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.

18872

81276

FILED FOR RECORD

December 30 1963

20 minutes past 2:00 o'clock

P. M. Archie L. Hughes
County Registrar

By _____

200

Drainor

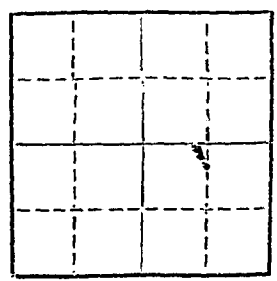
R 10

T. ~~8~~ 5 R. 10 ²³

County ~~Deer Lodge~~

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner ~~Ray Johnson~~ Address ANACONDA

Driller Ulrich Address Missoula

Date Started Nov. 5, 1941 Date Completed Nov. 14, 1941

Location: Sec. 23 T. 5 R. 10 1/4 sec.

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

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

Casing: surface ft. to 137 ft. Type tan-rod Size 2 1/2

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: _____ g' _____ feet.

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

Pumping water level 60' feet at 20 gal. per min.

How tested: stand

Length of test _____

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

(over)

RECEIVED

T. X 5 R. 10 23
County Deer Lodge

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Ray Johnson Address Anaconda
 Driller V. V. Vrich Address Missoula
 Date Started Nov. 5, 1941 Date Completed Nov. 14, 1941
 Location: Sec. 23 T. 5 R. 10 ¼ 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 137 ft. Type tanard 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 _____ feet at _____ gal. per min.

How tested: 1 1/2 hrs.

Length of test _____

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

(over)

File No. 7-62

T. 20 R. 100

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ray Johnson Address NE 0 Anaconda Montana

Driller C.F. Wroble Address Millcreek RFD 1 Anaconda Montana

Date of Notice of Appropriation of Groundwater

Date well started April 14 1962 Date Completed April 19 1962

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

3' Top soil (Elev. above sea level 4,900)

30' Static level.

50' Sandy clay and gravel
51' Sand and gravel water bearing
Insufficient quantity.

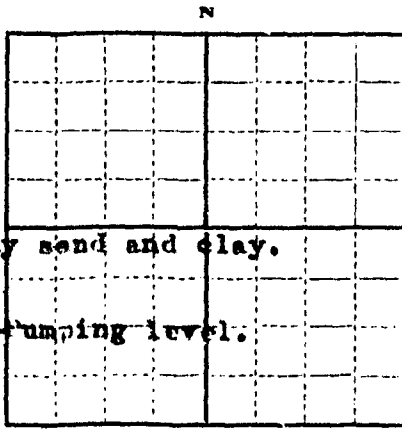
12' Intermittent layers sand gravel and clay.

24' Mucky sand and clay.

Pumping level.

113' Sand and gravel water bearing.
Show exact depth of bottom.
Depth at bottom 140 ft.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 1/2 OD 15 Lb. surface	surface	140'	3/8x5	94'	140'



1/4 Sec. 23 T. 5. N. R. 10. W.
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 30' feet.

Shut-in Pressure for Flowing Well #####

Pumping Water Level 100' feet at 150 gal. per minute.

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

How Tested Air cam rose Length of Test 1 1/2 hrs.

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

62

Driller's License Number

C.F. Wroble
Driller's Signature

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

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

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

77951

FILED FOR RECORD

June 26 1962
at 16 minutes past 3 o'clock
P.M. Anna J. Taylor
County Recorder

By _____
Deputy

100

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 Ronald Johnson

Address Route 48

Anasconda, Mont.

Date well started May 20, 1973

completed May 24, 1973

Type of well Drilled

Equipment used Cable Tool Drilling Rig

Water Use: Domestic Municipal Stock Irrigation

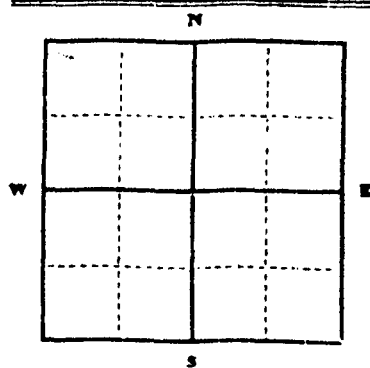
Industrial Drainage Other * Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 IN	2 1/4	0	100	Cutting torch		
				2-6 ft.		



SE 1/4 SE 1/4 Sec. 23
T. 5 N R. 10 E

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

Driller's Signature Robert Neal

Driller's Address Box 139 RFD

Anasconda Mont LICENSE NO. 209

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	5	Top Soil - Gravel
5	10	Gravel
10	15	Gravel
15	20	Limestone 0.4812
20	25	Limestone Quartzite - Clay
25	30	
30	35	
35	40	
40	45	
45	50	
50	55	
55	60	
60	65	
65	70	
70	75	
75	80	
80	85	Sand
85	90	Clay - Sand - Gravel
90	95	Gravel
95	100	Gravel

WATER RISES
70' IN PIPE

100 Show exact depth of bottom

53,404

99557

FILED FOR RECORD

June 6 1973

15 minutes past 11 o'clock

A M

HELEN L. LOVELL

County Recorder

By Mary Chan

Deputy

25

or

File No.

T 5E R 10W

DUPLICATE

County Deer Lodge

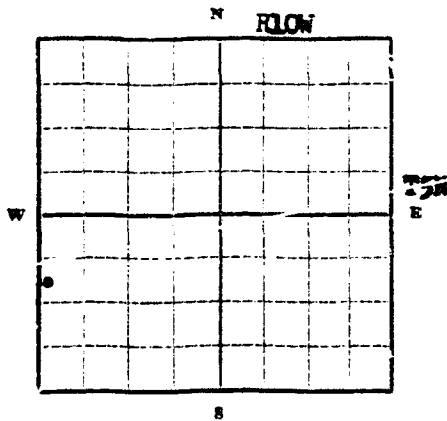
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 14 1963

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

STATE ENGINEER

1. Montana State Hospital of Warm Springs
(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: Sec. 23



NW 1/4 Sec. 23 T5N R. 10W

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 1939 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500GPM

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 N/A

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 July 8, 1939 - completed August 17, 1939

8. The depth of water table 76 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
Diameter of casing in well is 12 inches for 90 feet down from there to 142 feet down is an 8 inch perforated pipe.

10. The estimated amount of groundwater withdrawn each year 73,000,000

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. None

Signature of Owner Montana State Hospital
Hospital Administrator
Date August 15, 1963

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

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

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

80296

FILED FOR RECORD

August 16 19 63
at 22 minutes past 11 o'clock
A.M.

ANNA QUIGLEY

County Recorder

Carol McCarthy

20 1963 11

STATE WATER CONSERVATION BOARD

GW 2

NOV 23 1965

Approval Stock Form—State Publishing Co., Helena, Montana—42326

File No.

Bill _____ McDermott _____
 E. _____ McNary _____
 C. _____ Morton _____
 D. _____ Sullivan _____
 Dickert _____

T. 5N R. 10W

DUPLICATE

County Deer Lodge

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 George H. Packer Address Star Route 18

Driller G. F. Wroble Address P.O. Box 1 Hillbrook
Anaconda, Mont.

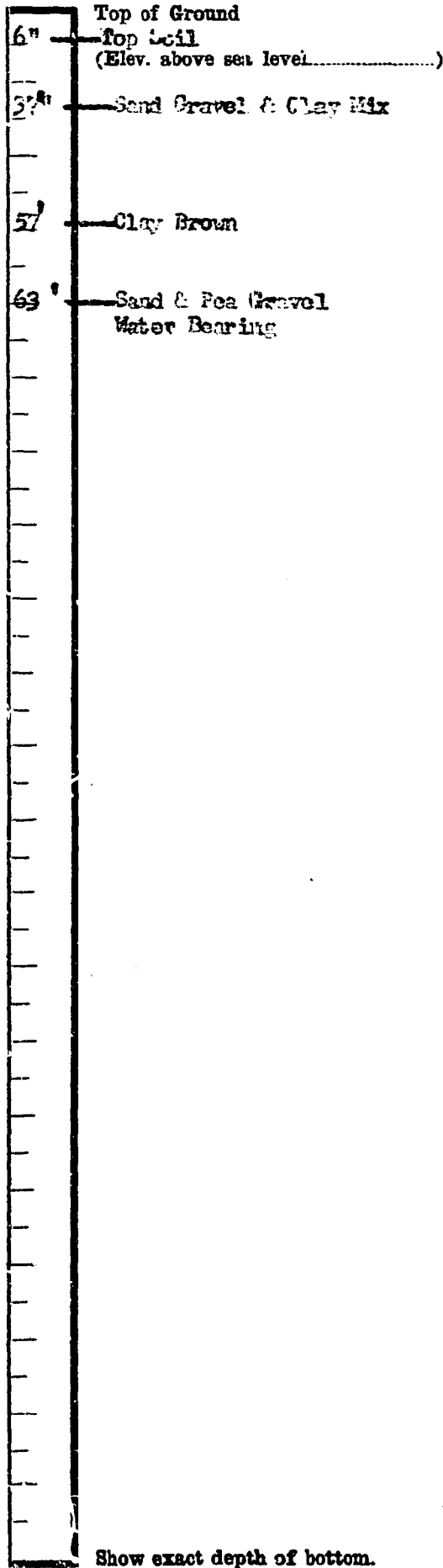
Date of Notice of appropriation of groundwater

Date well started Aug. 22, 1965 Date completed Aug. 23, 1965

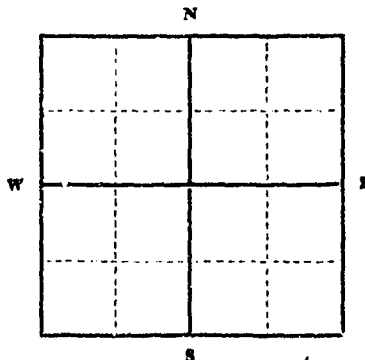
Type of well Drilled Equipment used Churn Drill
 (Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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" 19 lb.-per ft.	Surface	63'	5" - 3/16	58'	63'



Static Water Level for non-flowing well 15'
 Shut-in Pressure for Flowing Well.....
 Pumping Water Level..... 48 feet
 at..... 20 gal. per minute.
 Discharge in gal. per min. of flowing well

How Tested..... Bailed
 Length of Test..... 5 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff).....
1 ft. tight gravel pack in bottom.

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.

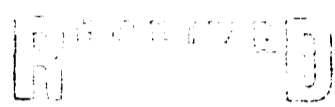
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

62
 Driller's License Number

G. F. Wroble
 Driller's Signature

23

T. 5N R. 10W
County Deer Lodge



MONTANA BUREAU OF MINES AND GEOLOGY
STATE ENGINEER Butte, Montana

WATER WELL LOG

Owner W. H. Smith Address _____
Driller C. J. Smith Address 405 E. 170
Anaconda Montana
Date Started Jan. 25 1930 Date Completed Jan. 26 1930
Location: Sec. 23 T. 5N R. 10W 1/4 sec. SE

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

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

Casing: Surface ft. to 55' 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: 45' feet at _____ gal. per min.

How tested: Surber

Length of test: 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
3 ft. of 2" to 1/2" gravel pack.

(over)

RECEIVED

T. 5N R. 10N
County: Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana
STATE ENGINEER

WATER WELL LOG

Owner: W. H. Hill Address: _____
 Driller: C. J. Wroble Address: PO Box 170
Ansonia Montana
 Date Started: Jan. 25 1930 Date Completed: Jan. 26 1930
 Location: Sec. 23 T. 5N R. 10N 1/4 sec. SE

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

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

Casing: Surface ft. to 53' 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: 43' feet at 24 gal. per min.

How tested: bailer

Length of test: 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
3 ft. of 2" to 1/2" gravel pack.

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
Surf.	0'	Top soil
0'	4'	clay
4'	20'	loose sand
20'	24'	sand and gravel
24'	34'	loose sand and gravel
34'	46'	clay
46'	50'	montmorillonite clay
50'	52'	Hard pan
52'	55'	sand and pea gravel, water bearing

FILED FOR RECORD
 At 5:20 minutes past 10 o'clock
 M. H. N. County Recorder
 Dated 1962

County Clerk and Recorder
 Darr Lodge County, Missouri

22491 -

File No. 5

T. _____ R. _____

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)

Top of Ground
(Elev. above sea level 5280)

Soil

Doc. No. 95498

Filed for record

this 10 day of June

A. D. 19 71, at 10:30

o'clock A.M.

Owner Harold Slye Address _____

Driller R. Mead Address Box 139 A.N.A.

Date of Notice of appropriation of groundwater _____

Date well started May 24 71 Date completed May 26 71

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

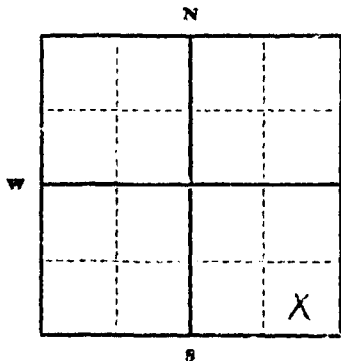
Water use Domestic Municipal Stock Irrigation
Industrial Drainage Other

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.

Sand

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 LB	0	55	Cutting torch	1' 6"	

Sand
Clay



Static Water Level for non-flowing well 45 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 37 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailed

Length of Test 3 hr

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

Not Applicable

Sec. 14 Sec. 23 T. S. R. 10
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Sand
Gravel

55 Ft.
Show exact depth of bottom.

(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

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

Robert Mead
Driller's Signature

48591

File No.

T 5 R 10

DUPLICATE

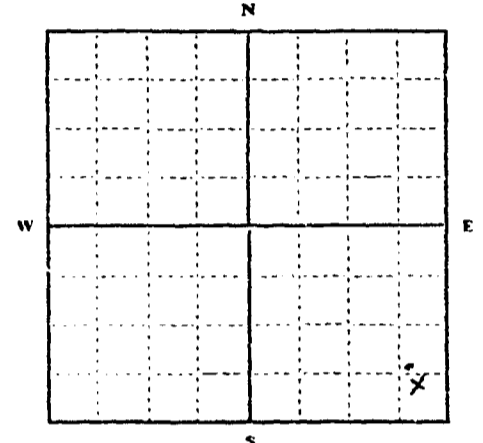
County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Paul A. Waters of *North 48* *circumlocution*
(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. 23 T. 5 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 *House hold use*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been *1958 Steady*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) *no record*
- 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 *30 ft sq. once a week*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *small pressure pump only one*
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *Mar 20, 1958* *Mar 20, 1958*
- 8. The depth of water table *10 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 use withdrawal of groundwater *Drill 20 ft. 1 1/2" pipe*
- 10. The estimated amount of groundwater withdrawn each year *80 gal per day.*
- 11. The log of formations encountered in the drilling of each well if available *29200 ft. in*
Bl. Sh. 3 ft. Blue clay Gravel white sand
- 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 *Paul Waters*
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. 28841

95498

FILED FOR RECORD

June 10 1971
at 30 minutes past 10 o'clock

A. M. Helen L. Lovell
County Recorder

By M. A. [Signature]
Deputy

200

51516

FILED FOR RECORD

December 31 1963

at 35 minutes past 12 o'clock

P.M.

ANNA QUIGLEY

Carol McCarthy
Deputy Recorder
Detroit

67

File No. _____

T. 5^N R. 10^W

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

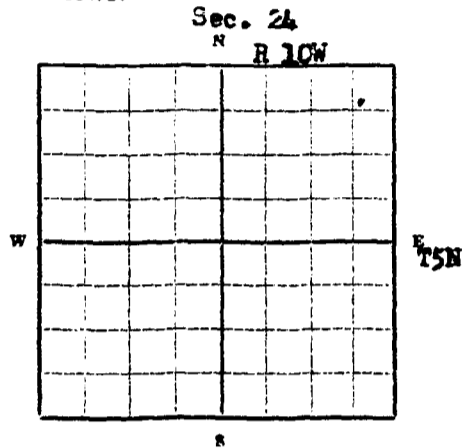
RECEIVED
AUG 18 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Montana State Hospital, of Warm Springs
(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. 24, T. 5N, R. 10W

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 23 January 1958 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1000GPM

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 N/A

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

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

8. The depth of water table 158 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 Gravel wall well - 12" size - 200' depth

10. The estimated amount of groundwater withdrawn each year 109,000,000

11. The log of formations encountered in the drilling of each well if available Log in office at Montana State Hospital

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

Montana State Hospital
Signature of Owner C. J. Harrington
Hospital Administrator
Date August 15, 1963

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

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

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

80293

FILED FOR RECORD

August 16 1963
at 20 minutes past 11 o'clock
A.M.

ALLEN DUGLEY

County Recorder

Carol M. Bentley
Recorder

27

File No.

T. **5N** R. **10W**

DUPLICATE

County **Deer Lodge**

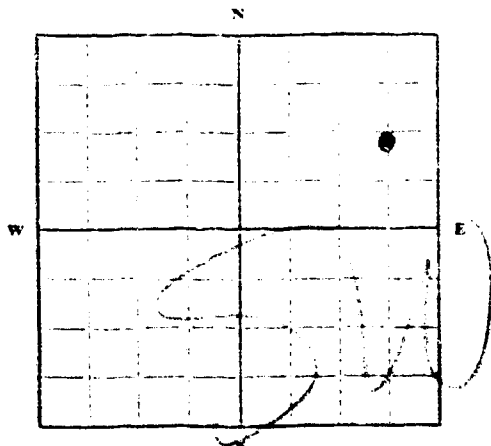
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 247, Montana Session Laws, 1961)

1. **The Anaconda Company** of **Box 640, 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 25, T. 5N R. 10W

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 and other useful and beneficial purposes.**
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been..... **Sept. 29, 1960. Continuous.**
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... **1000 Miner's Inches.**
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof..... **The Anaconda Company, Sec. 6, 7, Township 5 North, Range 9 West, Sec. 11, 12, Township 5 North, Range 10 West**
- 6. The means of withdrawing such water from ground and the location of each well or other means of withdrawal..... **Ground water development. East Section 25, Township 5 North, Range 10 West.**
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... **Sept. 1960.**
- 8. The depth of water table..... **Not known.**
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater..... **Said water to be diverted and conveyed to said place of use by means of a ditch running from point of origin to point of usage and by means of pipe lines and pumps where necessary.**
- 10. The estimated amount of groundwater withdrawn each year..... **Capacity.**
- 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..... **Notice of Appropriation of Water Rights, Book 6, Page 45, Deer Lodge County, Clerk and Recorder.**

Signature of Owner..... **The Anaconda Company**
H. F. Ferguson
Date..... **Nov. 15, 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.

FBA No.

DUPLICATE

T. **51** R. **10W**

County **Deer Lodge**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

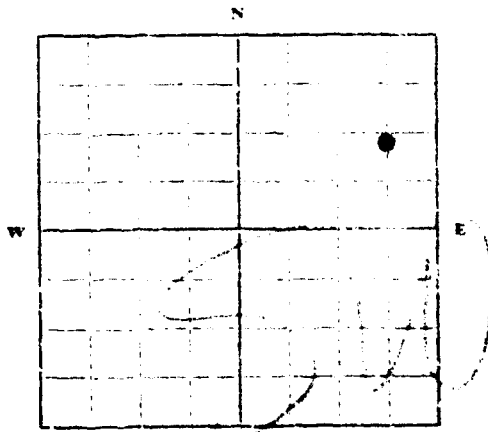
RECEIVED
DEC 19 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, The Anaconda Company of Box 640, 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. **25** T. **51** R. **10W**

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: irrigation and other useful and beneficial purposes.
- Date or approximate date of earliest beneficial use; and how continuous the use has been: Sept. 29, 1960.
Continuous.
- The amount of groundwater claimed (in miner's inches or gallons per minute): 1000 Miner's Inches.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: The Anaconda Company
Sec. 6, 7, Township 5 North, Range 9 West
Sec. 11, 12, Township 5 North, Range 10 West
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Ground water development.
NE 1/4 Section 25, Township 5 North,
Range 10 West.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Sept. 1960.
- The depth of water table: Not known.
- 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: Said water to be diverted and conveyed to said place of use by means of a ditch running from point of origin to point of usage and by means of pipe lines and pumps where necessary.
- The estimated amount of groundwater withdrawn each year: Capacity.
- The log of formations encountered in the drilling of each well if available:
- 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: Notice of Appropriation of Water Rights
Book 2, Page 45, Deer Lodge County, Clerk and Recorder.

The Anaconda Company

Signature of Owner: H. K. Furman

Date: Nov. 15, 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.