

File No. ....

T. *Paul R. ...*

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 *Ronnie Johnston Sr.* Address *Crackerville*

Driller ..... Address .....

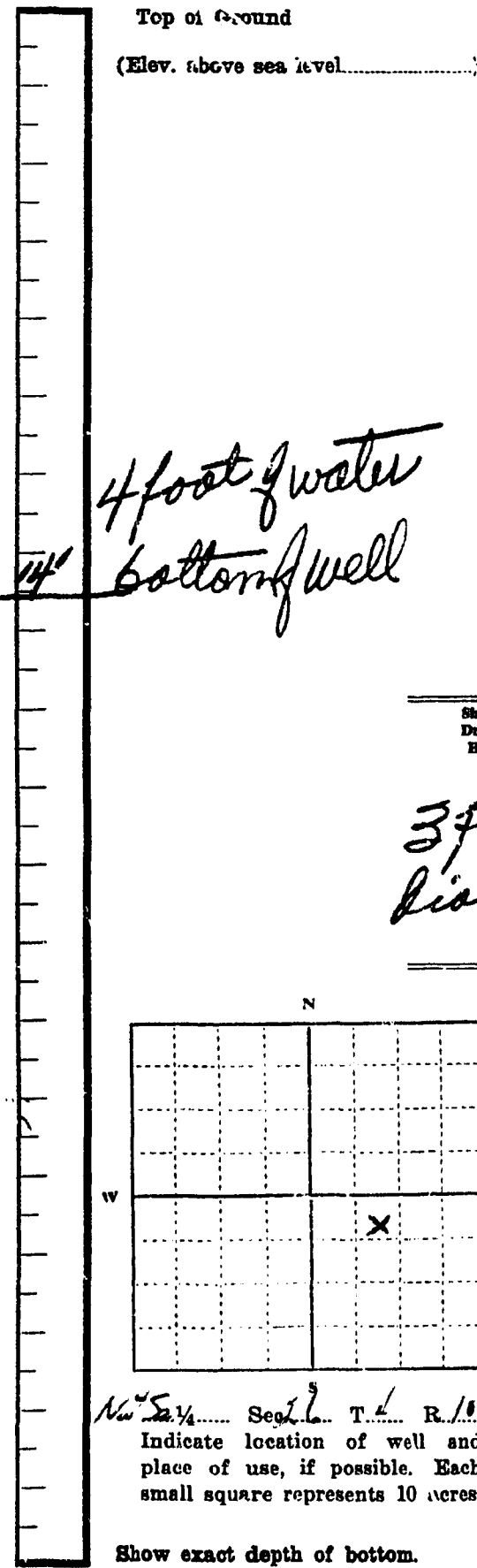
Date of Notice of Appropriation of Groundwater .....

Date well started *Mar. 1-62* Date Completed *Apr 62*

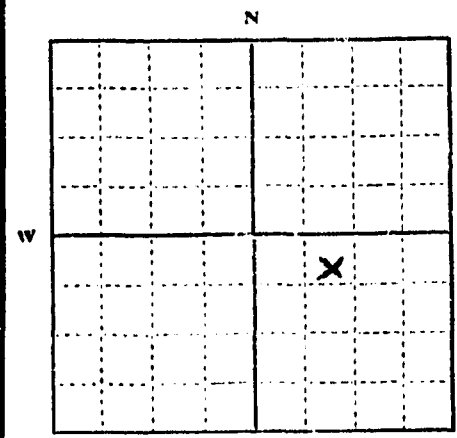
Type of well *Dug* Equipment Used *shovels*  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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)
<i>3 ft dia.</i>	<i>1 1/4" galvanized casing 36 w/c</i>					



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

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

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

Pumping Water Level *4* feet at *5* gal. per minute.

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

How Tested *sent sample to Helena* 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).....

*none*

Driller's License Number

*Ronnie Johnston Sr.*  
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.

81396

**FILED FOR RECORD**

December 31 1963

at 35 minutes past 10 o'clock

A.M.

ANNA QUIGLEY

Courtesy Herald

Carol McPartly

Deputy

RECEIVED  
STATE ENGINEER

T. 4N R. 10W 26  
County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

			*

Owner W. Mitschel Address Anaconda, Mont.  
 Driller C.F. Froble Address P.O. Box 170, Anaconda, Mont.  
 Date Started Sept. 17, 1937 Date Completed Sept. 20, 1937  
 Location: Sec 26 T. 4 R. 10 1/4 sec. 5 1/2 NW 1/4

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

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

Casing: Surface ft. to 40' ft. Type Common black 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: 7 ft. \_\_\_\_\_ feet.

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

Pumping water level: 11' feet at \_\_\_\_\_ 22 gal. per min.

How tested: Pumped

Length of test: 6 hr.

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

(over)



File No. ....

T. 4 R. 10

DUPLICATE

County Beauregard

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1963  
ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Sept. 13, 1962

Owner Chas. A. Lund Address RD #1, Arden

Contractor (if any) Not applicable

Address of Contractor Not applicable

Date Started Not applicable Date Completed Not applicable

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

irrigation ditch, feet from

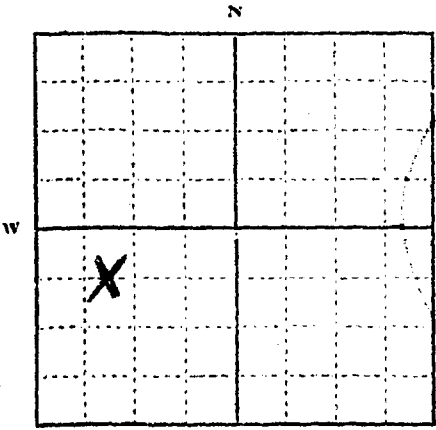
millrace  
SW

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. As head of  
water twelve inches wide, six inches  
deep is used continuously for  
forty-eight hours weekly from  
May through October.

Signature of Owner [Signature]

Date Dec. 30, 1962



.....1/4..... Sec. 26 T. 4 R. 10  
Indicate point of appropriation  
and place of use, if possible.

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.

81358

FILED FOR RECORD

December 31 1963  
at 57 minutes past 9 o'clock  
A.M. Jana Zuply  
County Registrar

By Joo Dobson

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

T. 4 R. 10

DUPLICATE

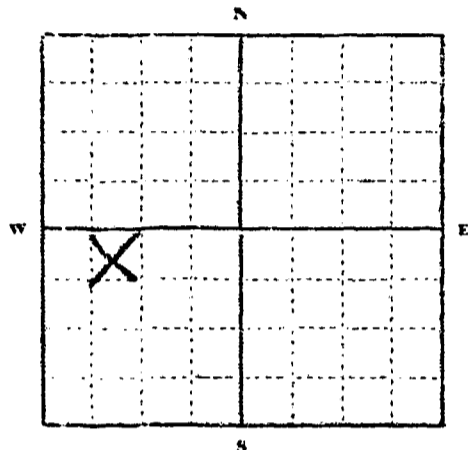
County Beaverhead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Wm. A. Tuss, of 870<sup>th</sup> Anaconda  
(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 26 T 4 R 10

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 household plumbing systems
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1956 & continuous
- The amount of groundwater claimed (in miner's inches or gallons per minute) 1,000,000 per year approximately
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1 acre of lawn and garden of appropriator
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump located home and out building
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1956 commencement & completion
- The depth of water table three feet to fourteen feet
- 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 2" casing 25' deep  
One 6" casing 27' deep
- The estimated amount of groundwater withdrawn each year 1,000,000 gallons
- The log of formations encountered in the drilling of each well if available Four feet surface dirt, eighteen inches clay & remainder granite
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None known

Signature of Owner [Signature]

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.

81359

FILED FOR RECORD

December 31 19 62  
at 58 minutes past 9 o'clock  
P. M.  
Anna L. Taylor  
County Recorder

200

Depts





99744

**FILED FOR RECORD**

June 29 1973  
at 15 minutes past 11 o'clock  
A M

**HELEN L. LOVELL**

County Recorder

By M. J. McCarthy  
Deputy

27  
00



99745

**FILED FOR RECORD**

\_\_\_\_\_ June 29 1973  
at \_\_\_\_\_ 16 min. after 11 o'clock  
\_\_\_\_\_ A. M.

HELEN L. LOVELL

Recorder

By

*Margaret M. Carthy*

Deputy

200

497-6 497-6 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 W. E. L. Ferguson

Address Box 141

Opportunity, Montana

Date well started 6/18/73

completed 6/28/73

Type of well Drilled

Equipment used Rotary Drill

Water Use: Domestic  Municipal  Stock  Irrigation

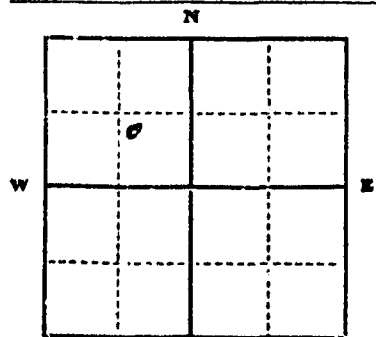
Industrial  Drainage  Other  Garden/Lawn

\*Describe .....

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

ESTIMATED ANNUAL WITHDRAWAL .....

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
12"	11 5/8" od x .250	0'	450'	cutting torch	375'	450'



S21 1/2 Sec 26  
T. 27 N. R. 10 W

Static water level ..... ft.\*  
Pumping water level ..... ft.\*  
at 350 gallons per minute,  
measured ..... minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by CONCRETE  
for ..... hours.  
Power..... Pump..... HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff) .....

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

Driller's Signature O'Keefe Contracting Company

Driller's Address 2804 Harvard Avenue

Butte, Montana 59702 LICENSE NO. 3

DRILLER'S LOG 26

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

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
2'	127'	Gravel, boulders, water 15 gpm
120'	260'	Gravel, clay
260'	300'	Sand, gravel & water
300'	340'	Heavy sand
340'	390'	Sand, gravel, clay
390'	450'	Sandy clay & water

450' Show exact depth of bottom

5-5/51

99776

**FILED FOR RECORD**

at 3 minutes past 4 o'clock  
P. M

June 29 1973

Helen L. Lovell  
County Recorder

By Mary E. Conroy  
Deputy

2.00

9977803

411-106  
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 Dr. H.E. Ferguson

Address Box 141

Opportunity, Montana

Date well started 5/30/73

completed 6/10/73

For Administrator's Use	
File	<u>42474</u>
GW 1	<u>659-13</u>

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

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

Water Use: Domestic  Municipal  Stock  Irrigation

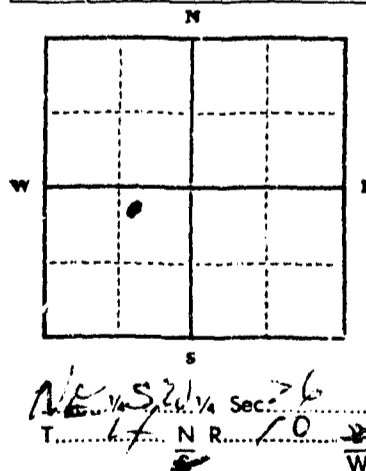
Industrial  Drainage  Other \* Garden/Lawn

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drift Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
12"	12 5/8" od x .250	0'	450'	cutting torch	370'	450'



Static water level .....ft.\*  
Pumping water level .....ft.\*  
at 850 gallons per minute,  
measured .....minutes after pumping began.  
\*Measured from ground level.  
Well developed by COMPRESSOR  
for .....hours.  
Power..... Pump..... HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature O'Keefe Contracting Company

Driller's Address 2804 Harvard Avenue

Butte, Montana 59701 LICENSE NO. 8

DRILLER'S LOG 26

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0'	200'	Gravel, sandy clay Water 40 gpm
200'	230'	Gravel, sand & water
230'	290'	Sand, clay
290'	340'	Heavy sand, water
340'	360'	Coarse sand, clay
360'	450'	Clay, sand & water

450' Show exact depth of bottom

55850

99777

**FILED FOR RECORD**

at June 29 1973  
at 82 minutes past 4 o'clock

P M

Helen L. Lovell

County Recorder

By Madge McCarthy

Deputy

200



327

File No. ....

T. 4N R. 10W

DUPLICATE

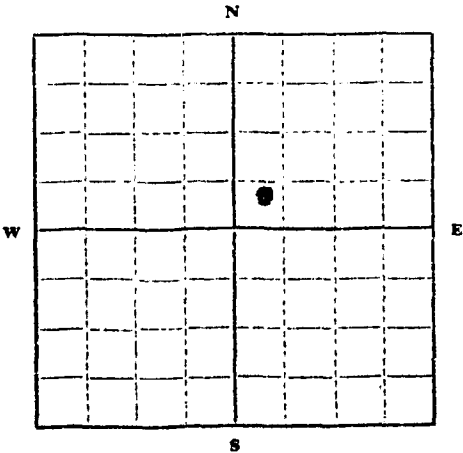
County Deer Lodge

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)

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. 27 T. 4N 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 use.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 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 27, Township 4 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 Scott Park Ranch Well; SW 1/4 Sec. 27, Township 4 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 Approximately 1931.
- 8. The depth of water table 8 Feet 7 Inches.
- 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. Diameter 48" x 60".
- 10. The estimated amount of groundwater withdrawn each year Capacity of wells.
- 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.

The Anaconda Company

Signature of Owner H. R. Ferguson, D.V.M.

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.

16251

81152

**FILED FOR RECORD**

December 17 1963  
at 08 minutes past 3 o'clock  
P.M.  
Anna L. [Signature]  
County Recorder

File No. ....

MONTANA WATER RESOURCES BOARD

T. 4N R. 10W 27

DUPLICATE

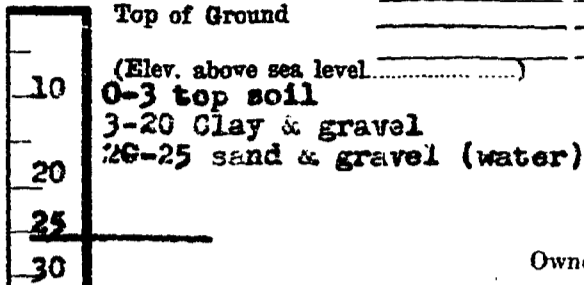
RECEIVED

County Deer Lodge

LOG

SEP 1 1967

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 Mt. Haggin Livestock Address Anaconda, Montana

Driller O'Keefe Drilling Co. Address Butte, Montana

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

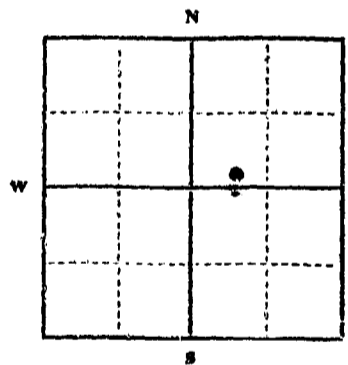
Date well started March 10, 1967 Date completed March 10, 1967

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.N. 17 lb.	0	25	torch	18	22



Static Water Level for non-flowing well 10 feet.

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

Pumping Water Level 15 feet  
at 15 gal. per minute.

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

How Tested baler

Length of Test 2 hr.

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

300/100 1/4 Sec 07 1/2 Flow  
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.

Duplicate

Driller's License Number

Conrad O'Keefe  
Driller's Signature.



99695

**FILED FOR RECORD**

June 25 1973  
at 40 minutes past 11 o'clock

A. M.  
Debra L. Howell  
County Recorder

by \_\_\_\_\_ Deputy

L.oe



99696

FILED FOR RECORD

June 25 1973  
at 40 minutes past 11  
A M  
Alvin L. Powell  
County Recorder

By \_\_\_\_\_ Deputy

2.00

36

File No. ....

T. 4 N. R. 10 W.

DUPLICATE

County J. H. Lodge

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

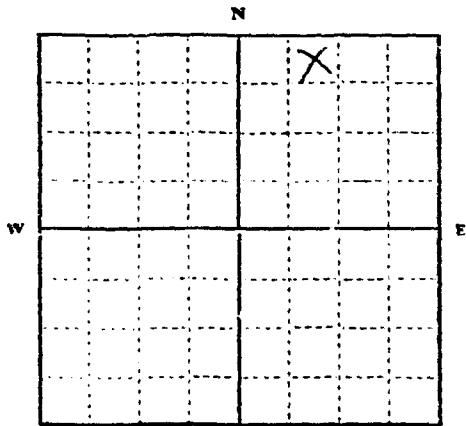
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Francis R. Jones of Crackerville Montana  
(Name of Appropriator) (Address) (Town)

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



Sec. 36 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 Household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been January 1960  
everyday

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

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 Jan 31 1960 Feb 7 1960

8. The depth of water table 175'

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" casing  
6" casing

10. The estimated amount of groundwater withdrawn each year 500 gals a day

11. The log of formations encountered in the drilling of each well if available Surface 6" casing  
14' sand gravel & boulders & 3' sand gravel & clay mix 93' sand  
gravel heavy mica water content 181' sand base heavy  
micaceous content 186' Brown clay 206' Volcanic ash water  
bearing 211' clay Brown

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 Francis R. Jones

Date 1/6/64

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.

32450



81608

FILED FOR RECORD

January 8 1964  
at 15 minutes past 1 o'clock  
P.M.

Carol McKeithly  
County Recorder  
Deputy

GW 2

File No. ....

T. 4 R. 10

DUPLICATE

County Deer Lodge

**RECEIVED**  
DEC 30 1952

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

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

(Under Chapter 237, Montana Session Laws, 1961)

Static level 26'

Owner John E. Jones Address .....

Driller C. F. Winkle Address Mill Creek RT 1  
Deer Lodge Montana

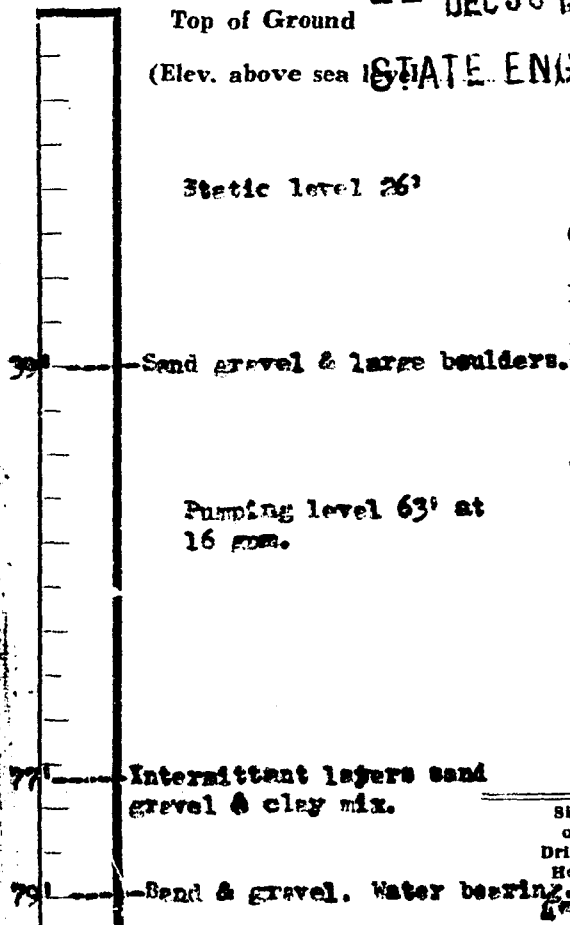
Date of Notice of Appropriation of Groundwater .....

Date well started Oct. 1952 Date Completed Nov. 1952

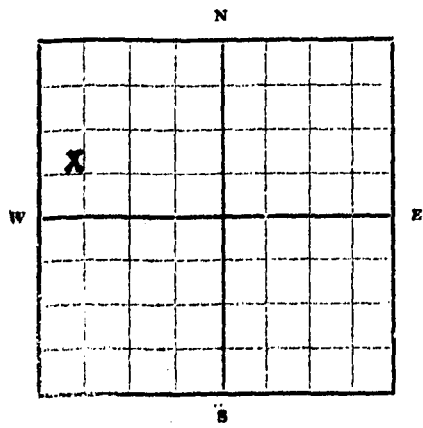
Type of well Drilled Equipment Used Churn drill  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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)
4"	10 1/2 lb. per ft.	Surface	79'		None	



N. 1/4 Sec 36 T. 4 R. 10

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

Show exact depth of bottom.

Exact depth 79 ft.

Static Water Level for non-flowing Well 26' feet.

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

Pumping Water Level 63 feet at 16 gal. per minute.

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

How Tested Ballor Length of Test 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. Winkle  
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.

4259

81201

**FILED FOR RECORD**

December 27 1963

at 00 minutes past 10 o'clock

A.M. ANNA QUIGLEY

Carol M. Leahy  
County Recorder  
Deputy

324

File No. ....

T. 4 R. 10

DUPLICATE

County. Deer Lodge

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

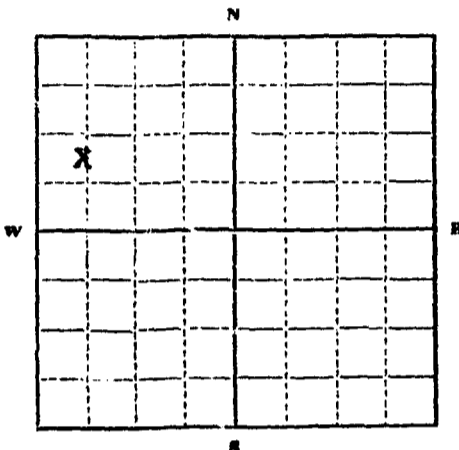
RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John E. Jones of P. O. Box 967 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 Sec. 36 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 1953 continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 16 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 PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started Oct 1952 finished Nov 1952

8. Depth of water table 26 feet

9. Describe as it may be available, the type, size and depth of each well or the general specifications of any other for the withdrawal of groundwater drilled well 4" casing 79 feet depth

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available Sand gravel & large boulders at 39' Intermittent layers sand & gravel & clay mix at 77' Sand & gravel. Water bearing at 79'

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 E. Jones*  
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.

4200

81202

FILED FOR RECORD

December 27 1963  
at 02 minutes past 10 o'clock  
P.M.

SENA QUIGLEY

County Recorder

Paul Mc Carthy  
Deputy



99738

FILED FOR RECORD

June 29 1913  
at 45 minutes past 9 o'clock

M Helen L Lovell

By Mary Char Deputy  
Recorder

2

File No. ....

T 4 R 10  
County Deer Lodge

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

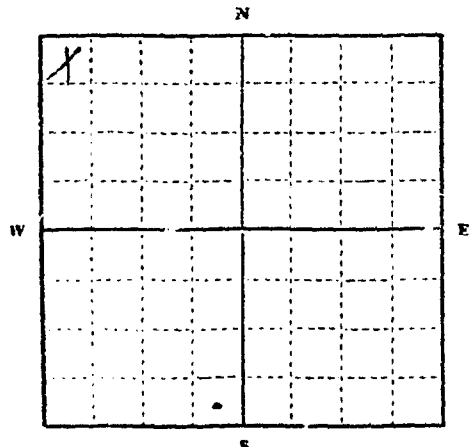
JAN 1 1962  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Gilbert J. Tauscher (Name of Appropriator), of PO Box 173 (Creeksville) Ft. Conrad (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 N.W. 1/4 N.W. Sec 36 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 House use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1961 used every day
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3.5 gallons per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lawn, trees, et flowers. Gilbert J. Tauscher.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Convertible Jet water system for deep or shallow wells.
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 15, 1961 Completed June 23, 1961
- 8. The depth of water table 17 feet of water.
- 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 3 inch casing depth 27 feet Type Hand driven well.
- 10. The estimated amount of groundwater withdrawn each year 150,000 gallons a year.
- 11. The log of formations encountered in the drilling of each well if available Not Available.
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Gilbert J. Tauscher  
Date 1973/1/3

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.

20708



81381

FILED FOR  
Dec 31 1963  
at 96 minutes past 10 o'clock  
A.M. ANNA QUIGLEY  
Mrs. M. M. Quinn  
DEPUTY

File No. ....

T. 4 R. 10

DUPLICATE

County Deer Lodge

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 9 1964

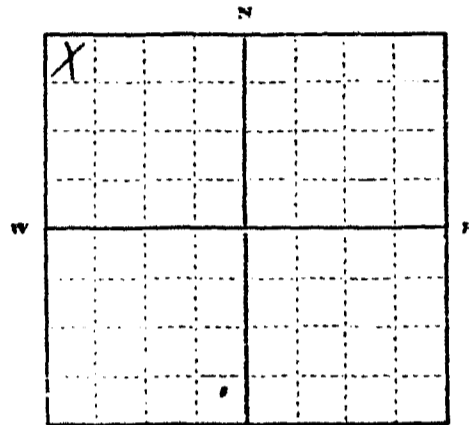
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Gilbert J. Tauscher (Name of Appropriator), of PO Box 123 (near Keule) Ft. Conrad (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 NW 1/4 Sec 36 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 Watering livestock et Irrigation

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gallons per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept 1, 1961 Completed Sept 22, 1961

8. The depth of water table 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 12 inch casing depth 24 feet  
Type Hand dug well & cribbing

10. The estimated amount of groundwater withdrawn each year winter 100 gallons per day  
Summer & Spring 27,000 gallons per day

11. The log of formations encountered in the drilling of each well if available  
18 inches sandy soil 23 feet 2 inches 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 Gilbert J. Tauscher

Date 12/9/63

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.

81382

MAILED FOR RECEIPT  
Dec 31 11 27 minutes past 10  
A.M. ANITA QUIGLEY  
Cognac  
Mary McQuinn

File No. ....

T. 4 R. 20

DUPLICATE

County Deer Lodge

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

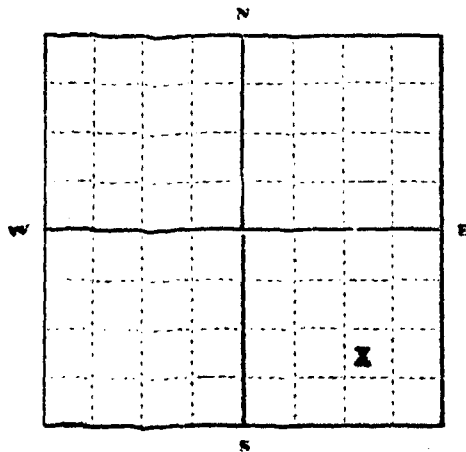
Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

I, John J Barish, of R.F.D.# 1 Box 541 Anaconda Mont.  
(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:



3/4 Sec. ..... T. ..... R. .....

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957  
every day for domestic and summer months for irrigation

4. The amount of groundwater claimed (in miner's inches or gallons per minute) twenty 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  
one well used for irrigation and one well used for domestic use J.J. Barish

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Electric 1 Jet Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Domestic Pump in 1957 for irrigation started in June of 1962 and completed in April 1963

8. The depth of water table Unknown

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 for domestic use one for irrigation depth for domestic 30 ft. size 1 1/2 to 2 inch. depth for irrigation 15 ft. size 2 1/2 inch

10. The estimated amount of groundwater withdrawn each year unknown

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 John J Barish  
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.

81240

FILED FOR RECORD

December 30 1963

at 24 minutes past 10 o'clock

A.M.

ANNA QUIGLEY

County Recorder

Carol McPartland

Deputy

File No. ....

T. 4 R. 10 W

DUPLICATE

County Deer Lodge

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 9 1963

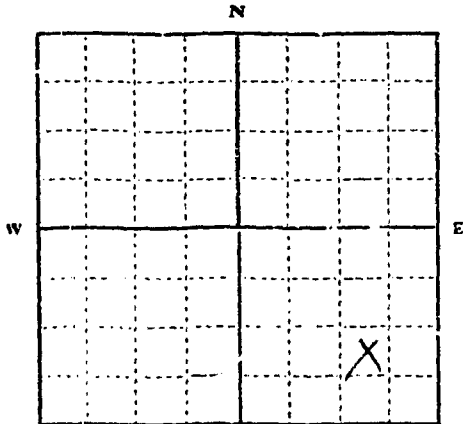
ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

William E. Hale of Box 55 B Granada  
(Name of Appropriator) (Address) (Town)

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



48 1/2 Sec. 4 T. 4 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 L.P.W.U. Household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 5, 1953 - present

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 330 G.P.M.

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  
1/2 acre - lawn  
William D. Hale

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well was first when attempting to build house in summer 1953

8. The depth of water table 21 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 well - driven point - 21 feet - 1 1/2" point

10. The estimated amount of groundwater withdrawn each year approx - 300,000

11. The log of formations encountered in the drilling of each well if available 4 feet dirt  
water 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 see journal this record

Signature of Owner William E. Hale

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.

28766

9/1139

**FILED FOR RECORD**  
December 31, 1963  
at 18 minutes past 11 o'clock  
A.M. ANNA OUTLET  
Carol Ore Day  
County Recorder

File No. ....

T. 4N R. 10W

DUPLICATE

County Deer Lodge

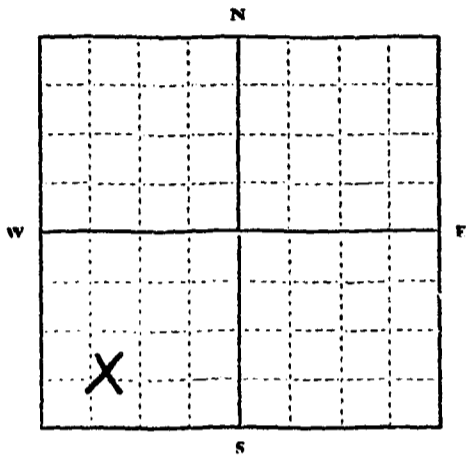
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Rennie S. Johnston Sr., Cricketville Anacanda  
(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.....

household use

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

1948

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.....

electric water pump

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

8. The depth of water table..... 30 ft deep -

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..... not in use at present

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

Driven well point

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..... R. S. Johnston

Date..... July 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.

28722



81395

FILED FOR RECORD

December 31 1963

at 34 minutes past 10 o'clock

P.M.

ANNA QUIGLEY

Carol Mc Carthy  
Deputy

File No. ....

T. 4 R. 10 West

DUPLICATE

County Deer Lodge

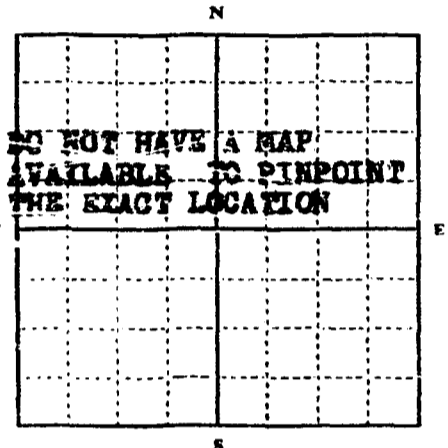
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

*R*  
JAN 3 1962

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

1. RUDOLPH A. PRESKAR, of Route 1 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:



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 April of 1941

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gallons per minute

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater first well, hand drilled in 1941, second well drilled in 1959

8. The depth of water table 42 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 six inch casing driven well

10. The estimated amount of groundwater withdrawn each year 525,000 gallons per year

11. The log of formations encountered in the drilling of each well if available driven by Price and Lindsey of Clancy, Montana

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

Signature of Owner Rudolph A. Preskar  
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.

81320

**FILED FOR RECORD**

December 31 1963  
at 17 minutes past 9:00 o'clock  
A. M. ANNA QUIGLEY

Carol Mc Carthy  
County Recorder  
Deputy

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

T. 4 R. 10

DUPLICATE

County DEER LODGE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 9 1964

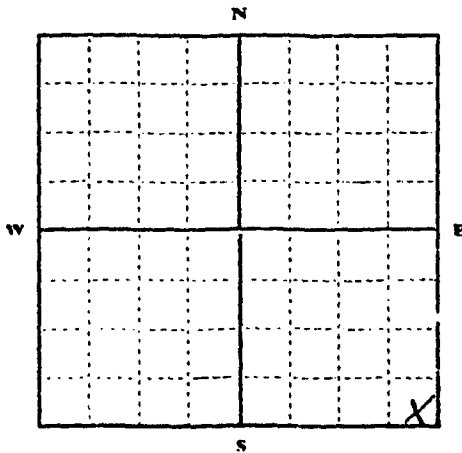
ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

MICHAEL B. RYAN, of DEER LODGE, Montana  
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 7 T. 10 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-HELD-USE

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. WELL-DUG 1943 HAS BEEN IN CONTINUOUS USE SINCE

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

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. WE USE MILK-CREEK WATER FOR IRRIGATING 17 ACRES

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. WELL IS ON WEST SIDE OF HOUSE WITHDRAWN BY ELECTRIC PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1943

8. The depth of water table. 22 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 22 FT. DEEP 2" CASING

10. The estimated amount of groundwater withdrawn each year. 100500 GALLONS

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. TAX ROLL PAGE 200 LINE 35

Signature of Owner Michael B. Ryan  
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.

28742

81415

FILED FOR RECORD

December 31 1963

at 54 minutes past 10 o'clock

A.M.

RECORDED

Ray Albano  
Deputy

GW 2

File No. ....

DUPLICATE

LOG

LINDSAY DRILLING

PH 933-5510

CLANCY MONT. 59634

RECEIVED

JUL 10 1969

Approved Stock Form—State Publishing Co., Helena, Montana—50551

T. HN R10 W

County. Clancy

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, 1963

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

Owner. Opportunity Fire Dep. Address. Opportunity Mont.

Driller. Wes Lindsay Address. Clancy Mont.

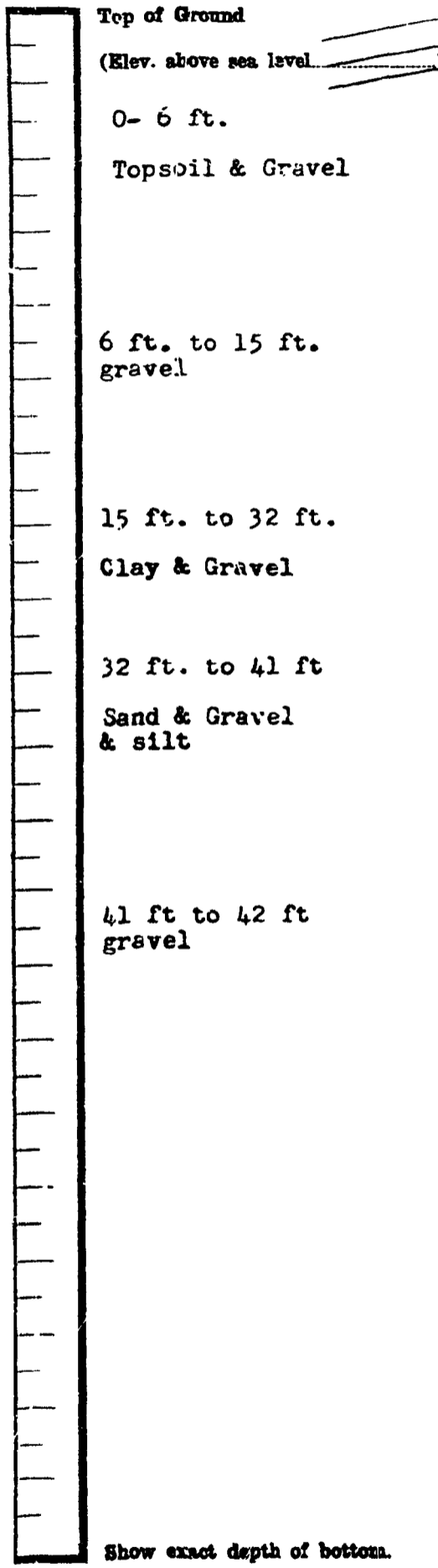
Date of Notice of appropriation of groundwater. ....

Date well started. June 12-69 Date completed. June 14-69

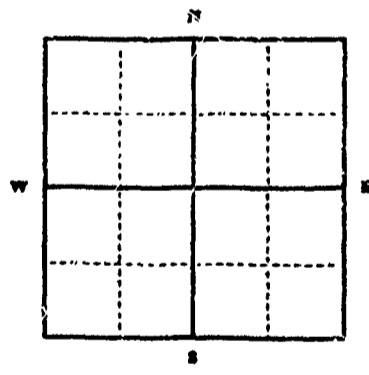
Type of well. Drilled Equipment used. Churn  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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	42	None		



Static Water Level for non-flowing well ..... 8 feet.  
 Shut-in Pressure for Flowing Well.....  
 Pumping Water Level..... 30 feet  
 at..... 30 gal. per minute.  
 Discharge in gal. per min. of flowing well .....

How Tested. pump  
 Length of Test. 3 hrs.  
 Remarks: (Gravel packing, cementing, packers, type of shutoff).....

1/4 Sec. T R. ....  
 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).  
 For Fire Department.....  
 Filling trucks & Domestic use.....

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  
15423

**FILED FOR RECORD**

at July 9 1969  
minutes past 10 o'clock

A M Helen L. Lee

County Recorder

By Mary Clark  
Deputy

\_\_\_\_\_

MONTANA WATER RESOURCES BOARD  
Groundwater Division  
Mitchell Building  
Helena, Montana 59601

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

AUG 1 1969

Recently a copy of a groundwater appropriation form, \_\_\_\_\_

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

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

This form is identified by

Owner Opportunity Fire Department

Address Opportunity, Montana

Document No. \_\_\_\_\_

The form is complete as filed. This is to inform you your GW form has been received and no further action is necessary on your part.

The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Other.

County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

Document filing number is needed.



92044

539

NO. 1000  
APR 10 1947  
U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C.

539

92044

INDEXED FOR RECORD

July 7 1968  
at 10 o'clock

C. M. Helen P. Parfitt

County Recorder

By *Mary J. [Signature]*

Deputy

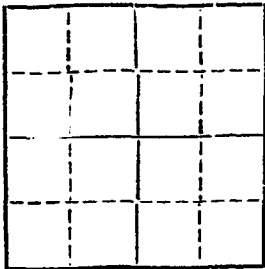
S. \_\_\_\_\_

RECEIVED  
SEP 26 1958

T. 4N R. 10W  
County FLYNN

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG



Owner James E. Bogue Address RF D 1  
Asiatic

Driller C. J. Brown Address 100  
1st St.

Date Started August 2, 1958 Date Completed August 9, 1958

Location: Sec. 1 T. 4N R. 10W 1/4 sec. 1  
Portion Tract 66-Opportunity Subdivisions

Type of well drilled (Dig, driven, bored, or drilled) Equipment used 4 1/2" rotary (Churn drill, rotary, other)

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

Casing: Surface ft. to \_\_\_\_\_ ft. Type 4 1/2" 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: \_\_\_\_\_

Length of test: \_\_\_\_\_

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

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

(over)

RECEIVED  
SEP 26 1958

T. 4N R. 10W  
County Deer Lodge

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner James E. Bogus Address RFD 1 Anaconda  
 Driller C.E. Wobles Address Box 170 Anaconda Mont.  
 Date Started August 20 1958 Date Completed August 21 1958  
 Location: Sec. Portion Tract 66-Opportunity Subdivisions T. 4N R. 10W 1/4 sec.

Type of well drilling (aug., 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 25 ft. Type standard Size 7

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: 15 ft. feet at 12 gal. per min.

How tested: pumped

Length of test: 1/2 hr.

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

(over)



Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	1	Top soil
1	2	clay and sand
2	3	hard pan
3	4	water bearing sand and gravel
4	5	
5	6	
6	7	
7	8	
8	9	
9	10	
10	11	
11	12	
12	13	
13	14	
14	15	
15	16	
16	17	
17	18	
18	19	
19	20	
20	21	
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26	27	
27	28	
28	29	
29	30	
30	31	
31	32	
32	33	
33	34	
34	35	
35	36	
36	37	
37	38	
38	39	
39	40	
40	41	
41	42	
42	43	
43	44	
44	45	
45	46	
46	47	
47	48	
48	49	
49	50	

T. 41N R. 20W  
County Beauregard

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner J. H. ... Address ...  
Driller C. F. ... Address PO Box 170 ...  
Date Started May 9<sup>th</sup> 1957 Date Completed May 11<sup>th</sup> 1957  
Location: Sec. E 15 1/2 T. 41N R. 20W 1/4 sec. ...

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

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

Casing: Surface ft. to 49 ft. Type Common Pipe Size 5"

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

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

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

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

Static Water level, for non-flowing well: 17 ft. feet.

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

Pumping water level 33 feet at 12 gal. per min.

How tested: ...

Length of test ...

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

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

(over)

T. 4N R. 10W  
County Beaverhead

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
MAY 11 1957

WATER WELL LOG

STATE ENGINEER


Owner O. J. Howard Address Opportunity Mont  
Driller C. F. Wroble Address PO Box 170 Anaconda Mont

Date Started May 9<sup>th</sup> 1957 Date Completed May 11<sup>th</sup> 1957

Location: Sec E 15 2 1/2 N 10 W 10 1/4 sec. S. 11 Block 4  
East 71

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 to 40 ft. Type Common black Size 5"

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

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

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

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

Static Water level, for non-flowing well: 19 ft. feet.

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

Pumping water level: 33 feet at 12 gal. per min.

How tested: Common

Length of test: 2 hrs.

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

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

(over)







File No. ....

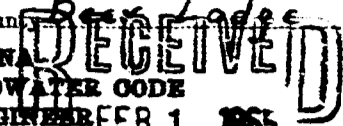
74037

T. 3 N R. 13 W 26

DUPLICATE

County Beaverhead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER FEB 1 1965



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

(Under Chapter 237, Montana Session Laws, 1961)

Owner U.S. Forest Service Address Missoula Mont

Driller Bill Meyer + Sons Address Hogeland Mont

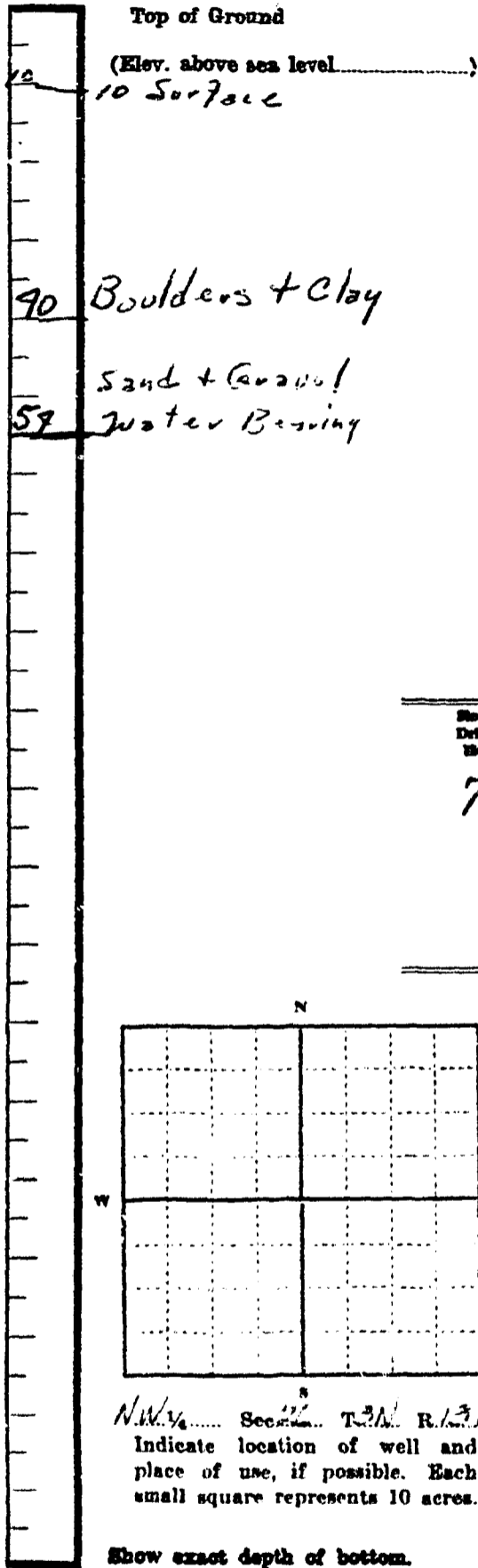
Date of Notice of Appropriation of Groundwater.....

Date well started Nov 18/63 Date Completed Nov 28/63

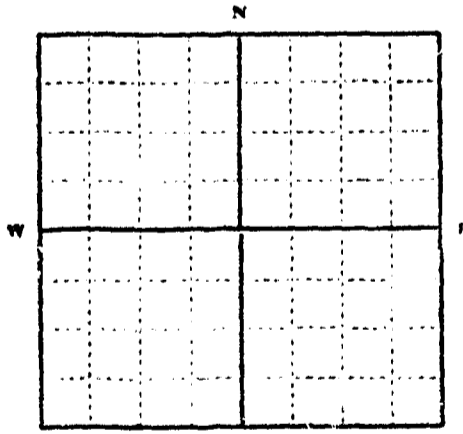
Type of well Drilled Equipment Used churn  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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		
				Start (Feet)	From (Feet)	To (Feet)
7"	6 5/8" 19 lb	T.P	59			



N.W. 1/4 Sec. 11 T. 3 N. R. 13 W

Static Water Level for non-flowing Well..... 12 feet.

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

Pumping Water Level..... 20 feet at 15 gal. per minute.

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

How Tested Sub. Pump Length of Test 7 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).....

No 5  
Driller's License Number  
Bill Meyer  
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.

38919

84037

188

**FILED FOR RECORD**

January 28 1965

at 10 minutes past 2 o'clock

P M

Anna Taylor

County Recorder

By \_\_\_\_\_

Deputy \_\_\_\_\_