

File No. _____

81952

T 6 N. R 8 W.

DUPLICATE

SW 1/4

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 16 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater August 15, 1963

Mining Co.

Owner Champion Silver / Address 411 Metals Bank Bldg.,
Butte, Montana

Contractor (if any) Company construction

Address of Contractor _____

Date Started Aug., 1963 Date Completed November, 1963

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Concrete dam 40' wide across Oro Fino Creek with water depth of about 8 ft. capacity of reservoir approx. 50,000 gal. Water is piped from reservoir to camp buildings through 4", 3" and 2"

pipe lines and is used for drinking purposes and for cooling cylinders of compressor and showers in miners.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent change room, toilets, etc.

estimate approximate lengths of periods of use. Overflow from

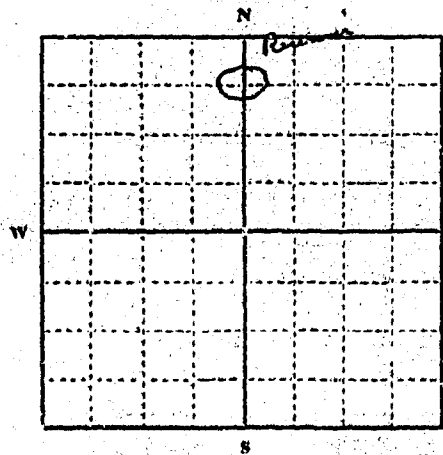
reservoir dam flows into Oro Fino Creek. Flow into

reservoir varies somewhat; slow in winter; more water in summer, but average flow is approximately 50 gal. per minute out of which we use approximately 30 gal. per minute.

Signature of Owner Champion Silver Mining Co.

By: Mien Blunt

Date February 28, 1964



N. 1/4 Sec. 33 T. 6 N. R. 8 W.

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

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

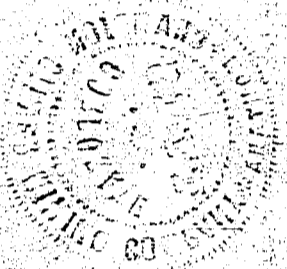
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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.

35455

81952.



FILED FOR RECORD

March 4 1964
at 30 minutes past 1 o'clock

A.M.

James D. [Signature]

County Recorder

Champion Silver Mining Co., 411 Metals Bank Bldg., Butte, Mont.

May 15, 1964

March 4, 1964

81952

from Oro Fino Creek

GW

Approved Stock Form—State Publishing Co., Helena, Montana—62234

File No. _____

T 6 R 8

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

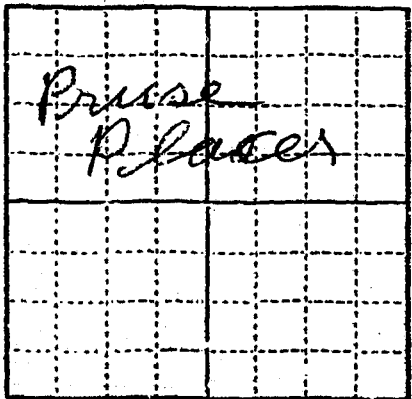
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Andrew W. Tiefenthaler, of 904 E 6th St 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:



Pruse Placer
1/4 Sec 36 T 6 R 8

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. Placer mining
- Date or approximate date of earliest beneficial use; and how continuous the use has been. Feb 1 - 1873
1940 to 1963
- The amount of groundwater claimed (in miner's inches or gallons per minute) 2.50 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 means of withdrawing such water from the ground and the location of each well or other means of withdrawal
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
- The depth of water table
- 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 estimated amount of groundwater withdrawn each year
- 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. Book 9 Page 303-304
Book 2 of water rights Page 401-402

Signature of Owner Andrew W. Tiefenthaler
Date Dec 27 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; Duplicates to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

14272

81218

FILED FOR RECORD

December 27 1963

at 50 minutes past 3 o'clock

P. M. ANNA QUIGLEY

Carol Mc Carthy

File No. _____

T 5N R 14W 2H

DUPLICATE

County Beaver Lodge

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
JUL 15 1965

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Tom Bonline Address 1170 1st Ave SE
Butte, Montana

Driller C. T. Hoyle, Jr. Address Billings, Wyo. 81701
Beaver Lodge, Montana

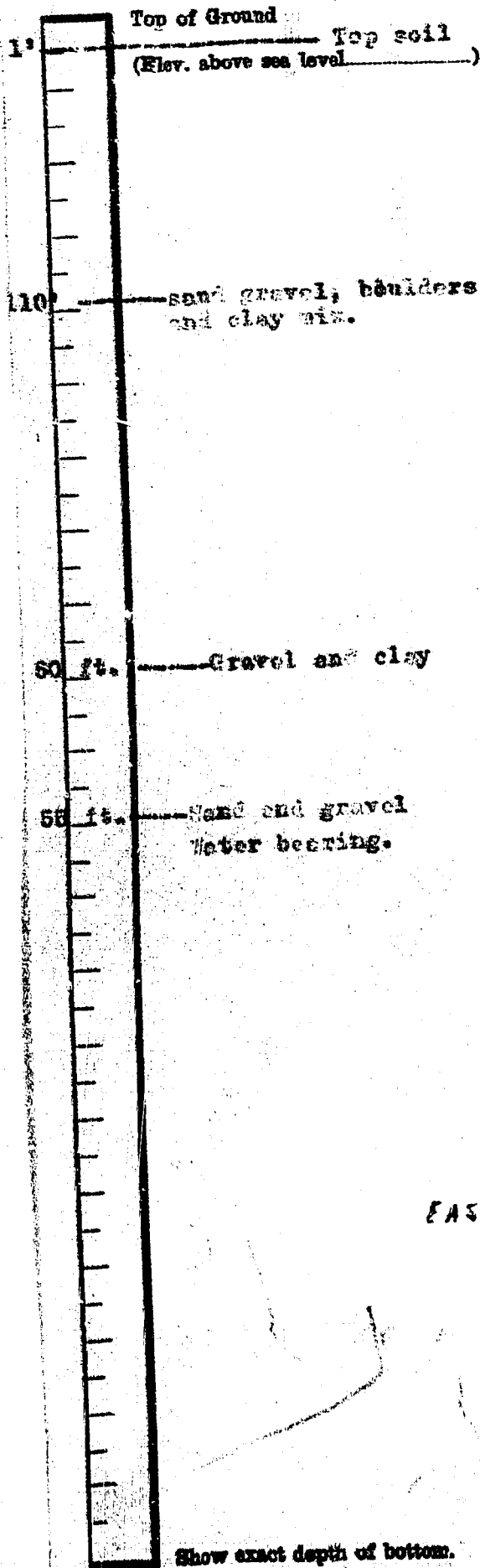
Date of Notice of appropriation of groundwater _____

Date well started JUNE 14 1965 Date completed JUNE 16 1965

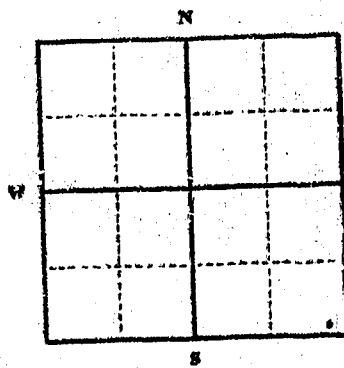
Type of well Hand Drilled Equipment used Churn Drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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 and Size	From (Feet)	To (Feet)
6"	6"	1 ft. above level	55' 3"	Slots 3/16" X 8"	53'	55'



Static Water Level for non-flowing well 49' 6" feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 49' 3" feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Ballor

Length of Test 1 1/2 hrs.

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

EAST 1/4 Sec 24 T. 5N R. 14W.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

1/3 acre known as Lot 6 of Union Trust
(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).

Driller's License Number 82

Driller's Signature Charles Hoyle, Jr.

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.

39297

79625

FEES FOR RECORD

July 14, 1965 at

48 minutes past 9:00 o'clock

A. M.

Agnes M. McDonald
County Recorder

Maude Echols
Deputy

(Faint vertical stamp or text, possibly a date or office name)

<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12
<input type="checkbox"/> 13	<input type="checkbox"/> 14	<input type="checkbox"/> 15	<input type="checkbox"/> 16	<input type="checkbox"/> 17	<input type="checkbox"/> 18	<input type="checkbox"/> 19	<input type="checkbox"/> 20	<input type="checkbox"/> 21	<input type="checkbox"/> 22	<input type="checkbox"/> 23	<input type="checkbox"/> 24
<input type="checkbox"/> 25	<input type="checkbox"/> 26	<input type="checkbox"/> 27	<input type="checkbox"/> 28	<input type="checkbox"/> 29	<input type="checkbox"/> 30	<input type="checkbox"/> 31	<input type="checkbox"/> 32	<input type="checkbox"/> 33	<input type="checkbox"/> 34	<input type="checkbox"/> 35	<input type="checkbox"/> 36

24

File No. _____

NOV 17 1966

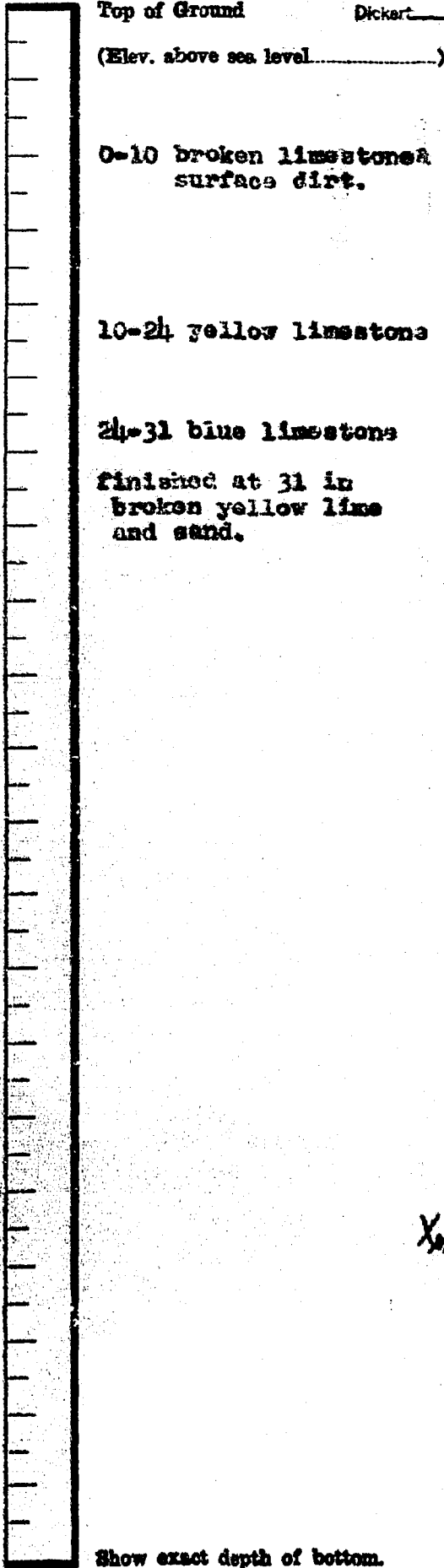
T.5N R.14W

DUPLICATE

State of Montana
County Deer Lodge

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Tony Softich Address Anaconda, Montana

Driller Carl P. Hollenbain address Dillon, Montana

Date of Notice of appropriation of groundwater ****

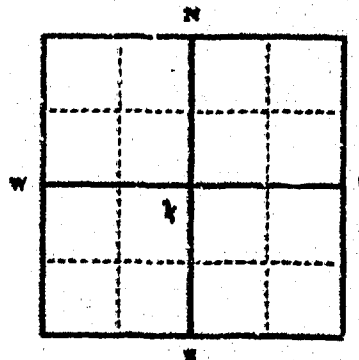
Date well started Aug. 30, 1966 Date completed Sept. 1, 1966

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)	TEMPERATURES		
				Kind	From (Feet)	To (Feet)
6"	6" I.D. 18.97 lb seamless	surface	26'	None		



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

Static Water Level for non-flowing well 232 feet

Shut-in Pressure for Flowing Well ***

Pumping Water Level 22 feet at 12 gal. per minute.

Discharge in gal. per min. of flowing well 2-45

How Tested Baller

Length of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Since there is only 70 ft. water in well it was difficult to get true capacity of well was able to bale 4 gal every 20 sec.

(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).

License No. 9

Driller's License Number

Carl P. Hollenbain
Driller's Signature.

41,610

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.

Dear Judge

81333

FILED FOR RECORD
Nov. 16, 1966 at
21 minutes past 11:00 o'clock
A. M.

Agnes M. McDonald
County Recorder

By Maude Echols
Deputy

Fee: \$2.00

Notice of Completion of Groundwater
Abandonment by Means of Well

OFFICE OF CLERK RECORDS
ADMINISTRATOR OF RECORDS
STATE OF MONTANA
BOZEMAN, MONTANA

SEARCHED	SERIALIZED	INDEXED	FILED

92872

FILED FOR RECORD

February 14 1921

U.S. DEPARTMENT OF JUSTICE

Cliff
Maurice J. Mann

—

County Deer Lodge Twp. 5 N Rge. 13 W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
5	Charles Chor	SW 4	81344	
5	Michael T. Morris	SW 4	81352	
5	U.S. DA. Forest Service	SW 2	81170	
6	Robert J. Bazed	SW 2	94200	
6	M. E. Berlin	57 Log	N/A	
6	U.S. DA. Forest Serv. Dept.	57 Log	N/A	
7	Walter A. Emanuel	SW 4	81490	
7	Martin K. Hannigan	SW 2	96967	
7	Melvin W. Johnson	SW 2	496	
7	Emil Krombick	SW 2	94929	
7	Walter J. Needham	SW 2	86045	
7	Bette Georgetown mining & milling	SW 2	99778	
8	Bette Georgetown mining & milling	SW 2	99780	
8	James A. Clark	SW 4	81596	
8	Bernice Hardla Callentine	SW 3	90590	
9	Clinton Hardla	SW 3	—	
9	Erlyn Hardla	SW 3	—	
12	Darlene J. Helton	SW 4	81610	
8	Donald Gustafson	SW 2	96481	copy attached
16	Steve H. Kasul	SW 4	81510	
17	Martin Beatty	SW 2	81365	
17	Ernest Cardinal	57 Log	N/A	
17	James Clark	SW 2	—	
17	J. Virgil Elliot	SW 2	—	
17	Tony Harland	SW 4	81534	
17	Filibert Lillian Kittler	SW 4	81466	
17	Arthur C. Knight	SW 4	81232	
17	Emily Lyon	SW 2	99735	
17	Lilien Rose Miller	SW 4	81255	
17	Margaret Mullins	SW 4	81464	
17	Robert Sparn	SW 4	81221	
17	W.H. & Mary Spiker	SW 2	93999	copy attached
17	Richard S. Yanstill	SW 4	81327	
18	Ruth L. Markel	SW 4	81376	
18	Stuart Markel	SW 2	92455	
19	Martin Francis O'Neill	SW 4	81429	
19	Charles A. O'Neill	SW 4	81430	
20	Ed Ewa	SW 2	—	note attached
20	Gold coin mining & milling	SW 4	80930	
20	Gold coin mining & milling	SW 4	80931	
20	Clinton Hardla	SW 4	—	
20	Clinton Hardla	SW 4	—	same as above
20	Clinton Hardla	SW 4	—	" " "
20	C. J. Hardla	SW 3	80820	
20	Rufus Harshall	SW 4	81252	
21	Harmon Johnson	SW 4	81227	
8	Howard James	SW 3	81315	

RECEIVED

SN-13W

4/15

99783

County Dawson

GW 3 Revised 1969
157-100-10/69

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

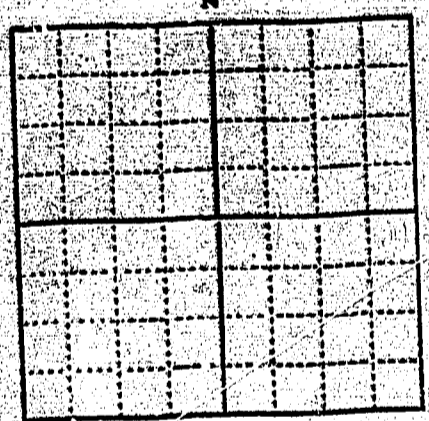
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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 may be returned.

For Administrator's Use	
File	<u>99783</u>
	<u>6-29-73</u>
GW 1	

Owner Betha Gungahon Mining & Milling Co.
 Address 305 Main Street
 Contractor (if any) John H. Stoddall
 Address of Contractor Assault
 Date Started July 21, 1973 Date Completed Summer 1973

1. Describe means of obtaining groundwater (as by subirrigation, developed spring, drains, etc.)
Ditch from Silver Creek. (Flint Creek)



2. Means of withdrawing water (gravity, pump, canal, etc.)
Ditch via gravity & pump.

3. Depth of water table _____
 4. Use of the water Mining & Milling together with Domestic purposes
 5. Amount of groundwater claimed (in miner's inches or gallons per minute) 1000"

The Creek path
33 & 4 & 5
5 & 6 Q R U
 * Any point between Gungahon & place water is intended for use in mining & milling purposes
 INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE
 Elevation of spring, if known or estimated _____

6. If used for irrigation, give number of acres and description of land
The number of acres now utilized is accurately unknown - Greater than 2.

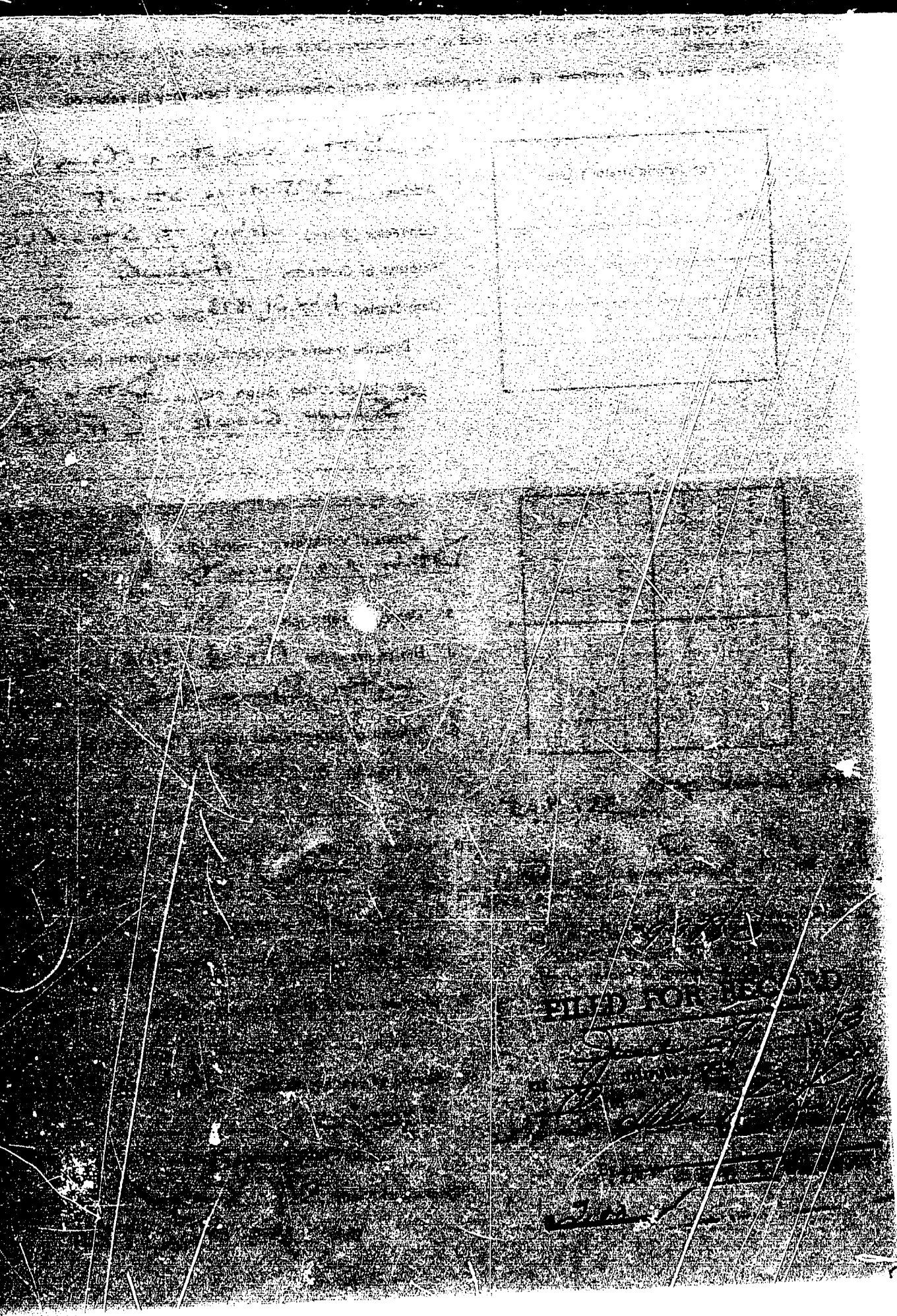
7. Estimate amount of water used each year _____

8. Months of year spring flows Annually in June.

Flint Creek
 * see original water rate book #3 page 453.

Signature of Owner Betha Gungahon Mining & Milling Co.
John H. Stoddall
 Date June 28, 1973

55843



FILED FOR RECORD

1911

File No. _____

T. 5 N. R. 134.

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

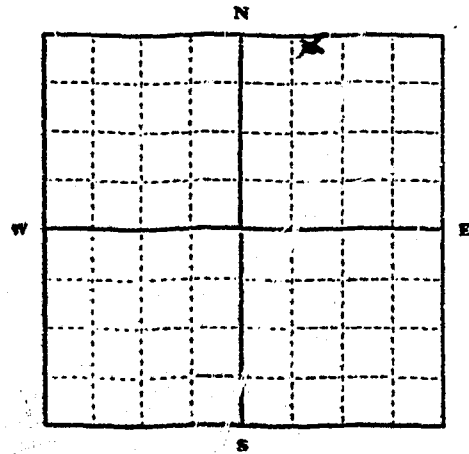
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Charles T Chove, of 417 Birch Anacosta
(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. 15 T. 5 R. 13

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

2. The beneficial use on which the claim is based. Drinking
Water Home Well

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 70

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. July 1960

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. Jet Pump 47 foot Well

10. The estimated amount of groundwater withdrawn each year. Unknown

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 Charles T Chove

Date DEC 31 1963

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

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

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

81344

FILED FOR RECORD

at 47 minutes past 10:00 o'clock
A.M.

ANNA QUIJERO

County Clerk

Dray

File No. _____

T. 5N R. 13W.

DUPLICATE

County Dear Lodge

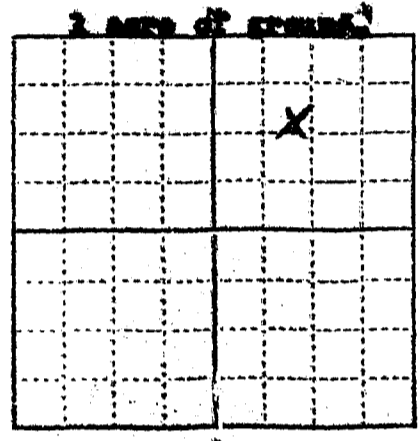
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964

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

1. Michael T. Harris, of 709 Alder St, Assault
(Name of Appropriator) (Address) (Town)

County of Dear 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
Water for Summer Home.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1 1/2 years

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 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
1/2 acre lawn
Michael T. Harris

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
water taken from the creek by a electric pump.

North 1/4 Sec 5 T. 5N R. 13W

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 taking water from the creek 1 1/2 years

8. The depth of water table 8 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 no well, creek water

10. The estimated amount of groundwater withdrawn each year Normal House use.

11. The log of formations encountered in the drilling of each well if available No well, creek water.

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 Michael T. Harris
Date Dec. 31, 1963.

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

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

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

28679

81352

FILED FOR RECORD

December 31 1963

at 21 minutes past 2 o'clock
ANNA QUIGLEY

David Mc Larty
County Recorder

TOP OF PAGE

IN ANSWER

TO OFFICE OF THE CLERK

RECEIVED

DUPLICATE

81170 2

RECEIVED

T. 5N R. 13W

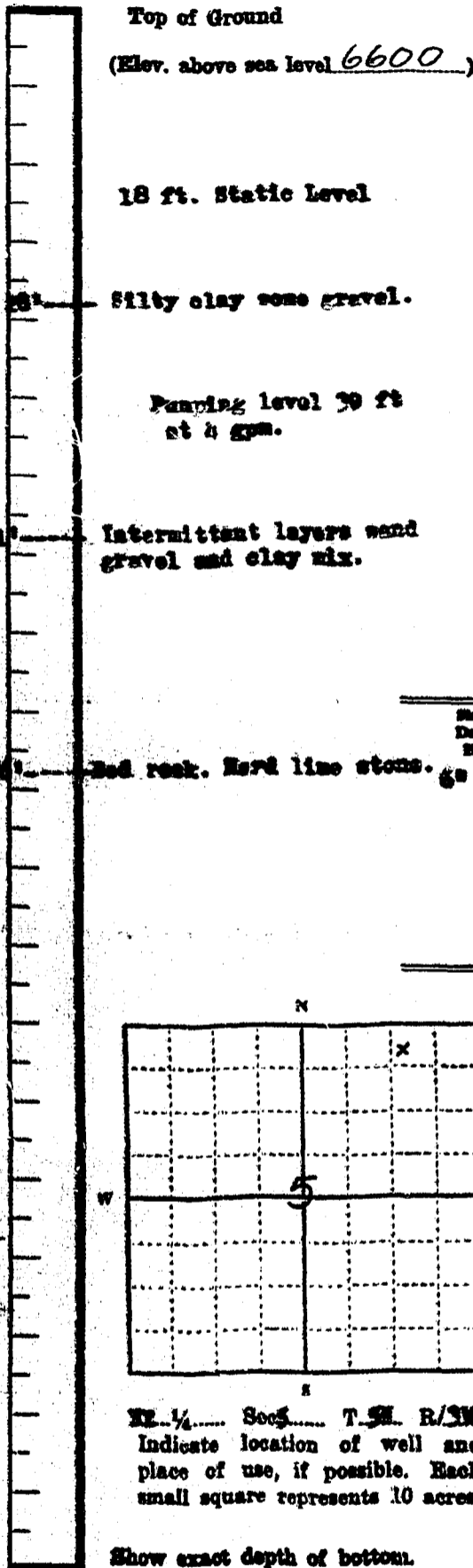
County: Deer Lodge

MAR 2 - 1963 STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE

STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner: U.S.D.A. Forest Service Address:

Driller: C.F. Wroble Address: Millcreek RFD # 1 Antelope Montana

Date of Notice of Appropriation of Groundwater:

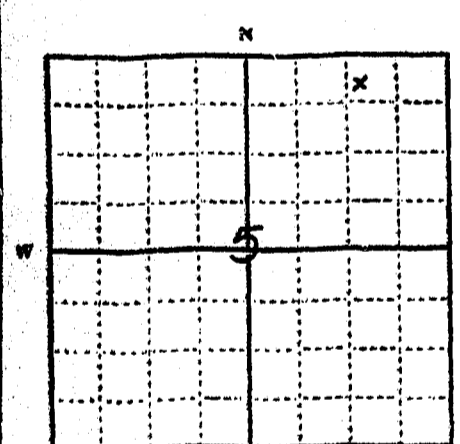
Date well started: November 7 1962 Date Completed: November 15 1963

Type of well: Drilled (dug, driven, bored or drilled) Equipment Used: Churn Drill (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)
	19 5/8 in.	2' above surface	31'	None		



NE 1/4 Sec 5 T. 5N. R. 13W. Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom. Exact depth 56 ft.

Static Water Level for non-flowing Well: 18' feet.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 39' feet at 4 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Pailed 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)

Driller's License Number: 62

Driller's Signature: C.F. Wroble

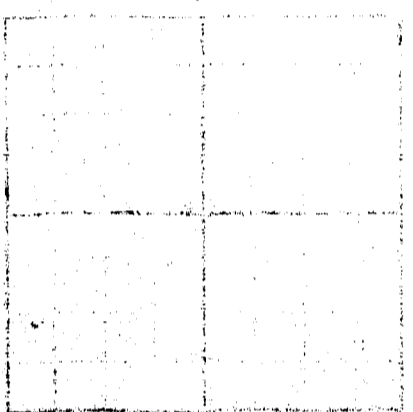
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

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.

11288

81170



This is a plot of land
 containing approximately
 100 acres of land
 and is situated in
 the County of
 ...

This is a plot of land
 containing approximately
 100 acres of land
 and is situated in
 the County of
 ...

This is a plot of land
 containing approximately
 100 acres of land
 and is situated in
 the County of
 ...

This is a plot of land
 containing approximately
 100 acres of land
 and is situated in
 the County of
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This is a plot of land
 containing approximately
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 the County of
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This is a plot of land
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 100 acres of land
 and is situated in
 the County of
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 containing approximately
 100 acres of land
 and is situated in
 the County of
 ...

This is a plot of land
 containing approximately
 100 acres of land
 and is situated in
 the County of
 ...

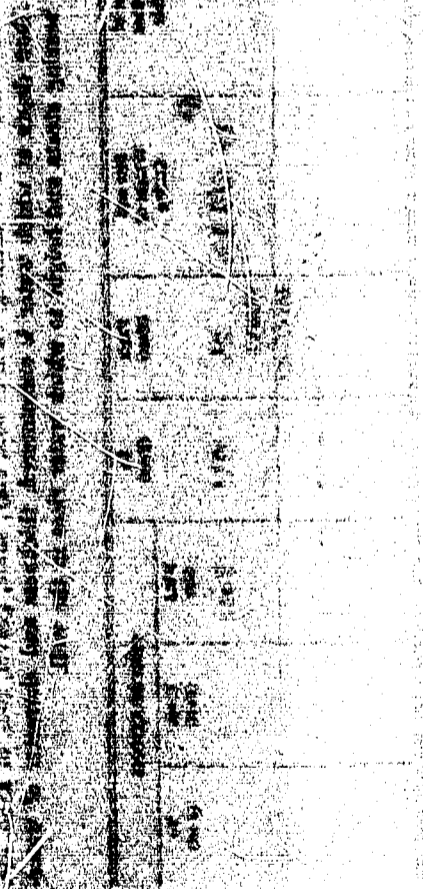
This is a plot of land
 containing approximately
 100 acres of land
 and is situated in
 the County of
 ...

FILED FOR RECORD

December 19 1963
 at 24 minutes past 4 o'clock

L.M. *Charles Douglas*
 County Recorder

This is a plot of land
 containing approximately
 100 acres of land
 and is situated in
 the County of
 ...



This is a plot of land
 containing approximately
 100 acres of land
 and is situated in
 the County of
 ...

This is a plot of land
 containing approximately
 100 acres of land
 and is situated in
 the County of
 ...

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

OCT 19 1970

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

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 Robert J. Boyd

Address 609 Locust

Bozeman, Montana

Date well started Oct 9, 1970

completed Oct 9, 1970

For Administrator's Use	
File	<u>94200</u>
	<u>October 15, 1970</u>
	<u>2:10 P.M.</u>
GW 1	

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

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

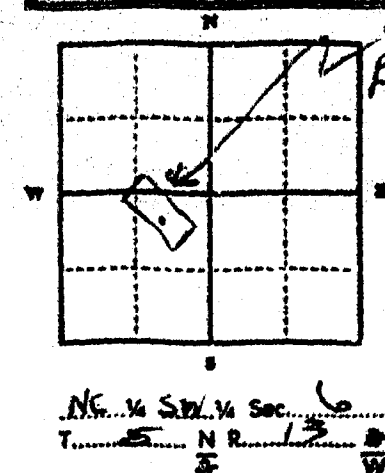
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

*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 500,000

Size of Drifted Strata	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind	From (Foot)	To (Foot)
<u>6"</u>	<u>6-3/8"</u> <u>17 lb</u> <u>piano steel</u>	<u>1' up</u>	<u>50'</u>	<u>None</u>		



clear water
Static water level 19 ft.
Pumping water level 20 ft.
at 10 gallons per minute,
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by balling
for 1 1/2 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
peckers, type of shutoff)

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

Driller's Signature Carl Hollander
Driller's Address P.O. Box 5, Dillon, Montana 59725

LICENSE NO. 9

Top of Ground		(Elev. above sea level)
From (Foot)	To (Foot)	
<u>0</u>	<u>33</u>	<u>Yellow clay</u>
<u>33</u>	<u>50</u>	<u>clay & gravel</u>
<u>50</u>	<u>52'</u>	<u>water bearing gravel</u>

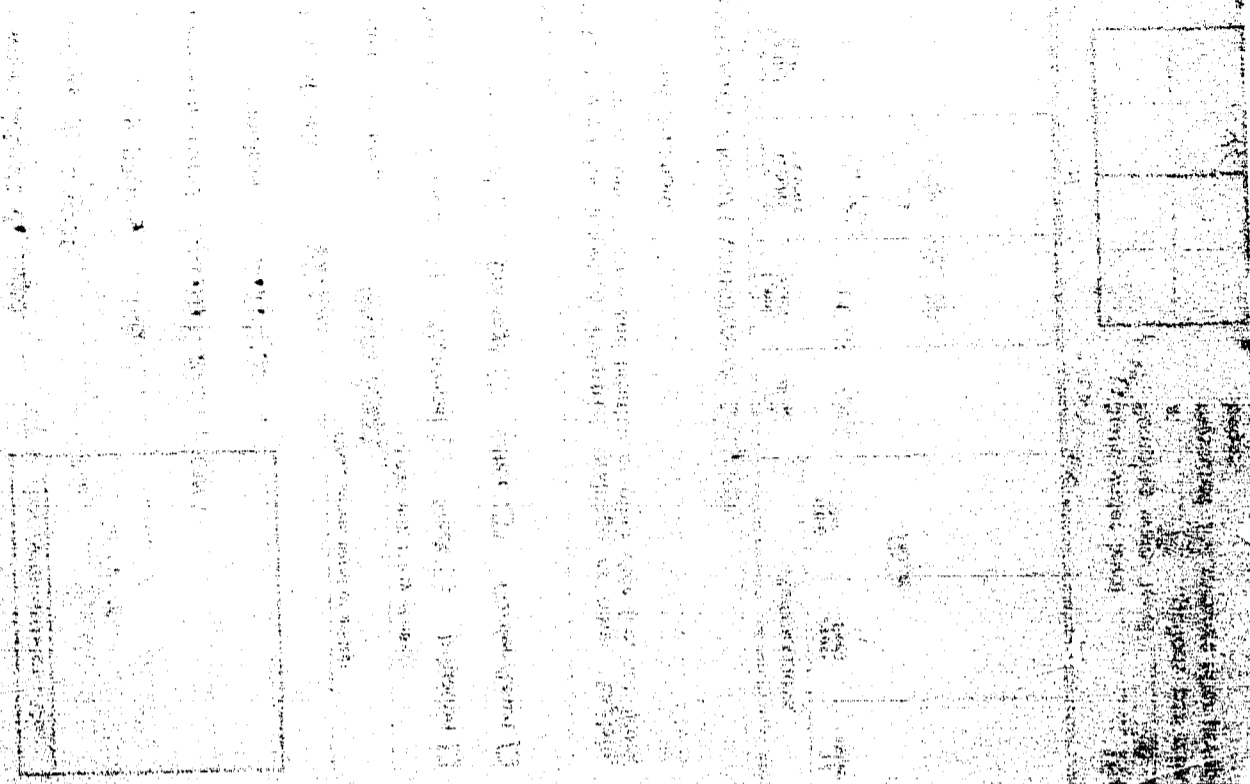
Show exact depth of bottom

47645

4420c

STATE OF MONTANA
ADMINISTRATION OF ENVIRONMENTAL CONTROL
DEPARTMENT OF HEALTH
BUREAU OF WATER RESOURCES
DIVISION OF WATER QUALITY CONTROL
REPORT OF COMPLIANCE BY MEANS OF AERIAL PHOTOGRAPHY

Investigation conducted on January 1, 1970
at [Location]



Top of District
[Faint text describing the location and purpose of the aerial photography]

94800
FILED FOR RECORD
October 15 1970
at 10 minutes past 2 o'clock
P. M.
[Signature]
County Recorder
[Signature]
Deputy

6

T. 5N R. 13W
County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 23 1957

WATER WELL LOG

STATE ENGINEER

Owner M E Berlin Address 94W 4th St.
 Driller C F Wroble Address P.O. Box 170 Concordia Mont
 Date Started June 22nd 1957 Date Completed June 23rd 1957
 Location: Sec. 6 T. 5 R. 13 1/4 se

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

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

Casing: Surface ft. to 20 ft. Type 17 1/2 ft. Size 6"
 Casing: 20 ft. to 40 ft. Type ~~Cumulative~~ Size 5"
 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 feet

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

Pumping water level: 35 feet at 4 gal. per min. 4

How tested: Bail checked

Length of test: 20 min

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

(over)

6

T. 5N R. 13W
County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 31 1957

WATER WELL LOG STATE ENGINEER

Owner: M E Berlin Address: Rt 4 ch 14
 Driller: C F Wroble Address: 1013 1/2 Ave
 Date Started: June 22nd 1957 Date Completed: June 1957
 Location: Sec. 6 T. 5 R. 13 1/4 sec. 20

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

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

Casing: 5 ft to 20 ft Type 1 1/2" steel pipe 6"
 Casing: 20 ft to 40 ft Type 1 1/2" steel pipe 5"
 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

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

Pumping water level: 25 feet at 4 gal per min. 4

How tested: Ball check

Length of test: 20

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

(over)

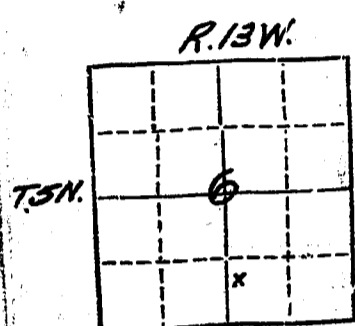
T. 5N R. 13W
Deer Lodge
County Granite

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUL 20 1961

WATER WELL LOG

STATE ENGINEER



Owner U.S. Dept. of Agriculture Address Box 1048
Forest Service Dept. Butte Mont.
Driller G.F. Krehle Address Mill Creek 224
Annaconda Montana.
Date Started June 7 1961 Date Completed June 7 1961
Location: Sec. 6 T. 5N R. 13W ¼ sec. NW SW SE

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other: Lodgepole Campground

Casing: Surface ft. to 31' 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: 19' feet.

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

Pumping water level: 31' feet at 12 gal. per min.

How tested: Bailed

Length of test: 2 1/2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Water rose up to the 19 foot level. 12 feet of
water in well, bailed better than 10 gallons.

(over)

7-5-61

File No. _____

T 5 N R 13 W

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

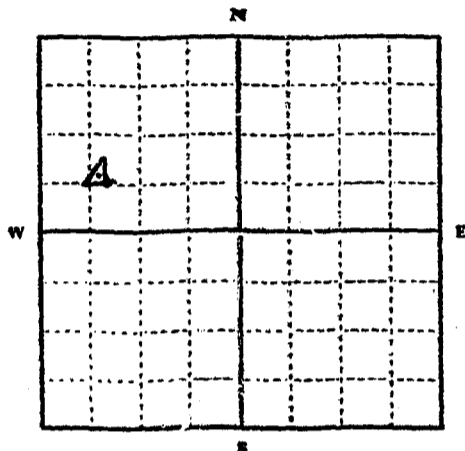
RECEIVED
JAN 9 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Walter A. Brunval, of 519 Hickory Street 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 ^{of NW 1/4} Sec. 7 T. 5 N. R. 13 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 and yard

3. ~~1. Give~~ approximate date of earliest beneficial use; and how continuous the use has been July, 1960
6 months each year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 150 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
Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
electric operated pump located as shown on map

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 2, 1960 July 15, 1960

8. The depth of water table 10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 2 inch gravel point, 14 feet

10. The estimated amount of groundwater withdrawn each year 45,000 gals.

11. The log of formations encountered in the drilling of each well if available First 3 ft. top soil, next 4 ft. clay and gravel, next 4 ft. gravel and rocks, next 5 ft. 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 None

Signature of Owner W.A. Brunval

Date December 31, 1963

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

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

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

28815

81490

FILED FOR RECORD

DEC 31 1963 19

at 09 minutes past 12 o'clock
P.M.

ANNA QUIGLEY

Mary M. Cannon
Recorder
City of Toronto

96967
RECEIVED

County Deer Lodge 7

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

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.

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.

Top of Ground (Elev. above sea level)

From (Foot)	To (Foot)	
0	15	Brown Limestone
15	68	Blue limestone
68	145	Hard Gray Limestone
145	158	12" Gray Limestone

Owner Martin R. Barnigan
 Address 2614 Elisabeth Warrenton
Butte, Montana 59701
 Date well started June 19, 1971
 completed June 21, 1971

For Administrator's Use	
96967	Jan 12, 1972 1:24 P.M.

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

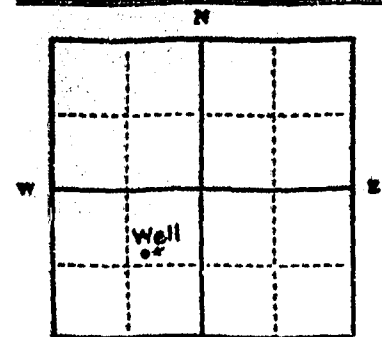
Equipment used Rotary
 (Chain drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS:		
				Kind Size	From (Foot)	To (Foot)
6"	6 5/8" od x .250	1' ag	20'	skid 2 1/2"	138'	158'



Static water level 49? ft.
 Pumping water level 145 ft.
 at 3 gallons per minute,
 measured 3 minutes after pumping
 began.
 *Measured from ground level.
 Well developed by pumping
 for 3 hours.
 Power 3 Pump 3 HP
 Remarks: (Gravel packing, cementing,
 packers, type of shutoff)

NE 1/4 SW 1/4 Sec. 7
 T. 5 N R. 13 W

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

Driller's Signature G. Keefe Contracting Company

Driller's Address 2824 Harvard Ave

Butte Montana 59701 LICENSE NO. 8

158' Show exact depth of bottom

49,732

RECEIVED BY THE CLERK OF THE COURT
JANUARY 12 1970

OFFICE OF THE CLERK OF THE COURT
COURT HOUSE
JANUARY 12 1970

RECEIVED BY THE CLERK OF THE COURT
JANUARY 12 1970

RECEIVED BY THE CLERK OF THE COURT
JANUARY 12 1970

RECEIVED BY THE CLERK OF THE COURT
JANUARY 12 1970

FILED FOR RECORD

January 12 1970
at *14* minutes past *1* o'clock

P M
HELEN L. LOVELL

Mary Chan
County Recorder
Deputy

1200

File No. 496
DUPLICATE

RECEIVED
NOV 6 1964

T. 5N R. 13W 7
County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level 6300)

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

(Under Chapter 237, Montana Session Laws, 1961)

0-50 sandy clay

Owner Malvin W. Johnson Address Adamsville, Montana

Driller Carl F. Hollensteiner Address Dillon, Montana

Date of Notice of Appropriation of Groundwater *****

Date well started Oct. 12, 1964 Date Completed Oct. 15, 1964

50-79 gravel & clay

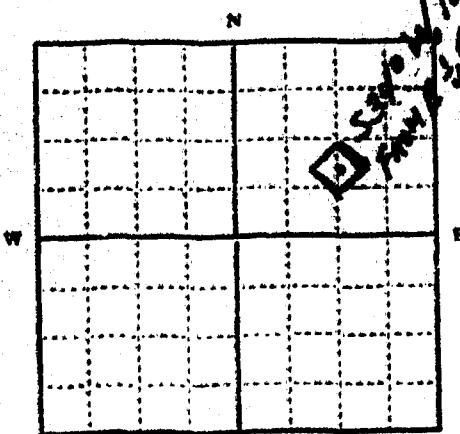
Type of well Drilled Equipment Used Churn Drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

finished @ 79 ft
sandy gravel

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 Pipe	Size and Weight of Casing	From (Feet)	To (Feet)	PREPARATIONS		
				Kind	From (Feet)	To (Feet)
6"	18.75 lb Blk. Std. Seamless	148up	75	None		



NE 1/4 Sec. 7 T. 5N R. 13W
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 38 feet

Shut-in Pressure for Flowing Well Complete

Pumping Water Level drawdown feet at 3 gal. per minute.

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

How Tested Bailer Length of Test 2 hr

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

License No. 9

Driller's License Number

Carl F. Hollensteiner
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.

38627

This is a true and correct copy of the original as shown to me by the person who presented it for recording. I have compared it with the original and find it to be a true and correct copy.

FILED FOR RECORD

November 1964
 at 15 minutes past 9 o'clock
 A.M.

ANITA OUGLET
 County Recorder

By Kathryn Lindell
 Deputy

\$ 200

496 311 upper
 left corner
 on other side

54 134 Deer Lodge Co.
County Grant

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA WATER RESOURCES BOARD
RECEIVED

DRILLER'S LOG

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

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Enil Kramlick

Address 1600 N. Park Ave.

Anaconda, Montana 59711

Date well started October 1, 1970

completed same

For Administrator's Use
File 94929
Feb. 26, 1971
2:20 P.M.

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

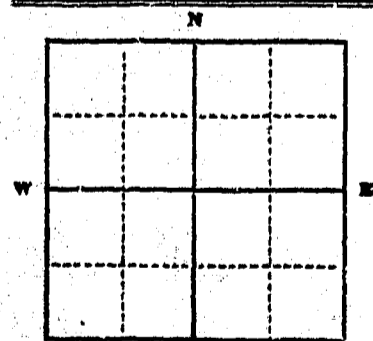
Equipment used Rotary
(Chain drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6"	6 5/8" od x .250	0'	20'	none		



S.W. 1/4 Sec. 7
T. 5 N. R. 13 E. W. 3

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

Drillers Signature O'Keefe Drilling Company

Driller's Address 2804 Harvard Ave.

Butte, Montana 59701 LICENSE NO. 8

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0'	3'	<u>Broken Limestone</u>
1'	55'	<u>Blue Limestone</u>
55'	120'	<u>Hard Blue Limestone</u>

120' Show exact depth of bottom

48177

PROPERTY TAX MAP
SECTION 12, TOWNSHIP 24 N., RANGE 12 E., COUNTY OF CLATSOP, OREGON
TAX MAP NO. 94929

TRACT NO.	ACRES	OWNER	VALUATION

94929
FILED FOR RECORD

Feb 26 1971
at 30 minutes past 2 o'clock
P.M.

County Recorder
By Catharine Beckler
Deputy

5.200

File No. NOV 24 1965

T. 5N R. 13W
County Deer Lodge

DUPLICATE

Billie _____ McDermott _____
Butzer _____ McNulty _____
Coyle _____ Morton _____
Dartinton _____ Sullivan _____
Dickert _____

86045

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground *Approx.*
(Elev. above sea level *6400'*)

0-2 surface dirt

2-20 white shale & clay

20-31 gray rock

finished at 31'

Owner Walter J. Needham Address Anacosta, Mont.

Driller Carl F. Hollenstien Address Dillon, Mont.

Date of Notice of Appropriation of Groundwater ****

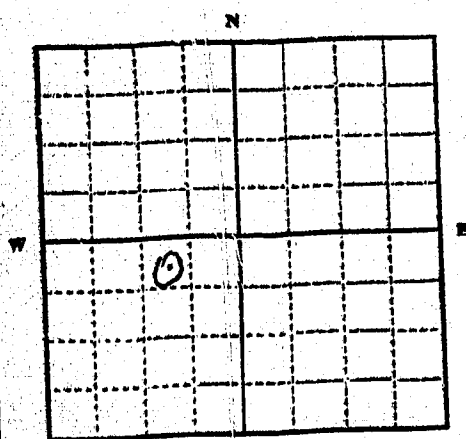
Date well started Sept. 27, 1965 Date Completed Sept. 30, 1965

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, 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)
6"	6" I.D. 18.97 lb. Black Seamless Domestic	1 1/2'	29'	None		



N.E. 1/4 Sec. 7 T. 5N R. 13W
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 18' feet.

Shut-in Pressure for Flowing Well ***

Pumping Water Level 21 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, 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) slight odor

License No. 9
Driller's License Number

Carl F. Hollenstien
Driller's Signature

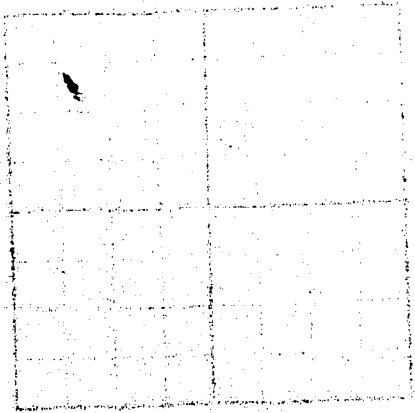
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

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.

39885

86645



FILED FOR RECORD

FILED FOR RECORD

November 22 1965

at 36 minutes past 2 o'clock

P M

James J. Hughes
County Recorder

By _____ Deputy

Deputy

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 Walter Unger
Address 1817 Farragut Ave.
Butte, Montana 59701
Date well started 6/30/73
completed 6/30/73

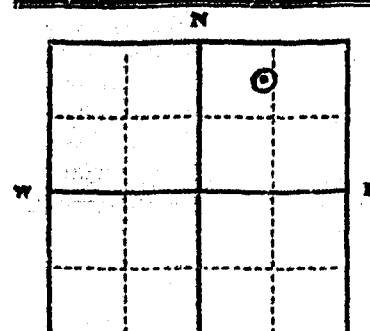
For Administrator's Use
File _____
GW 1 _____

Type of well Drilled
(Dug, driven, bored or drilled)
Equipment used Rotary drill
(Cable drill, rotary or other)
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" od x .250	0'	22'			
	200 PVC PLASTIC	10'	250'	Buzz saw	220'	260'



1/4 NE 1/4 Sec. 7
T. 5 N R. 13 E

Static water level _____ ft.*
Pumping water level _____ ft.*
at _____ gallons per minute,
measured _____ minutes after pumping began.
*Measured from ground level.
Well developed by air 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 D. Keefe Contracting Company
Driller's Address 2804 Harvard Ave. SE

Butte, Montana 59701 LICENSE NO. 8

5N-13W Deer Lodge 7
County Granite

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

Top of Ground (Elev. above sea level) _____

From (Feet)	To (Feet)	
0'	8'	Brown lime stone
8'	100'	Blue lime stone
100'	150'	Brown lime stone
150'	220'	Blue lime stone
220'	224'	Brown lime stone Water 2 gpm
224'	230'	Blue lime stone
230'	235'	Brown lime stone Water 2 gpm
235'	250'	Blue lime stone
250'	255'	Brown lime stone Water 2 gpm
255'	260'	Blue lime stone

260' Show exact depth of bottom

APPROPRIATE TO STATE
 RECOGNITION TO REPORTING
 BRANCH OF SERVICE AS A MEMBER OF
 THE
 NATIONAL ASSOCIATION OF
 FIRE PROTECTION ENGINEERS
 AND
 THE
 NATIONAL ASSOCIATION OF
 FIRE PROTECTION ENGINEERS

MEMORANDUM FOR THE RECORD
 SUBJECT: [Illegible]

[Illegible text, possibly a list of names or titles]

SEARCHED	INDEXED	SERIALIZED	FILED

[Illegible text, possibly a list of names or titles]

FILED FOR RECORD

July 31 1973

at [Illegible] minutes past [Illegible] o'clock

A. M.

HELEN L. LOVELL

By *[Signature]*

Deputy

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 Bernard T. McDonald
Barney McDonald
c/o The Anaconda Co.
Address Kennedy Building
3015 Nettie St.
Butte, Montana 59701

For Administrator's Use	
File	
GW 1	

Date well started 6/23/73
completed 6/23/73

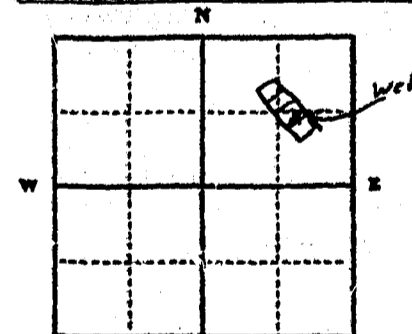
Type of well Drilled
(Dig, driven, bored or drilled)
Equipment used Rotary drill
(Chain drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" od x .250	0'	22'	Buss saw	160'	200'
	300 PVC PLASTIC	10'	200'			



Static water level 150 ft.*
Pumping water level 180 ft.*
at 30 gallons per minute,
measured 30 minutes after pumping
began.
*Measured from ground level.
Well developed by compressor
for 1 hours.
Power 1 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

NE 1/4 Sec. 7
T. 5 N. R. 13 E.
19 PM E W

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

Driller's Signature O'Keefe Contracting Company
Thomas O'Keefe
Driller's Address 2095 Harvard Avenue
Butte, Montana 59701

LICENSE NO. 8

SN-136
Deer Lodge
County GRAND

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	160	Light stone (hard)
160	177	Green lime stone soft & crumbly Water 5 gpm
177	180	Brown lime stone (hard)
180	186	Brown lime stone soft - Water 11 gpm
186	200	Brown lime stone (hard)

200' Show exact depth of bottom

[Faint, mostly illegible text from the reverse side of the document, appearing as bleed-through.]

RECEIVED

1973 OCT 15

MONT. DEPT. of NATURAL
RESOURCES & CONSERVATION

100-553
FILED FOR RECORD

October 19 1973
at 10 minutes past 1 o'clock
P.M.

HELEN L. LOVELL

County Recorder

By *[Signature]*
Deputy

[Handwritten mark]

RECEIVED

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 B. G. Bergstrom & Sons, Inc.

For Administrator's Use	
Address <u>305 N. 1st St.</u>	File <u>49778</u>
<u>Anaconda, Mont 59711</u>	<u>6-29-73</u>
Date well started <u>1967</u>	GW 1 <u>H:34 pull</u>
completed <u>1967</u>	

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

Equipment used Cable Tool Drill
(Cable drill, rotary or other)

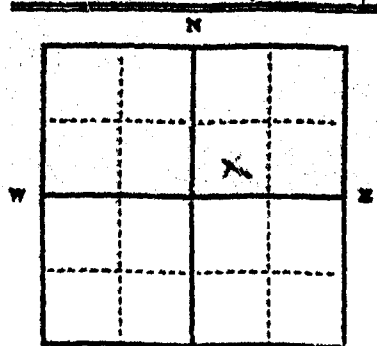
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

Describe Drill - Cable Tool; Industrial - Mining

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	From (Feet)	To (Feet)
8"	-	0'	120'	Drill Case		



Section N 24 Sec 8
T. 5 N. R. 3 E. W

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

Driller's Signature [Signature]

Driller's Address [Address]

LICENSE NO. [Number]

DRILLER'S LOG

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

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0'	3'	Soil
5'	10'	Gravel
10'	20'	Hard Rock
		Gravel
20'	120'	Gravel

Show exact depth of bottom

55849

99778

99778

FILED FOR RECORD

June 29, 1973
at 3¹⁵ minutes past 7 o'clock
P M

HELEN J. LOVELL
County Recorder
By Madge M. Cuddy
Deputy

99780

511 130 - 8
County DeWald

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER COME
MONTANA WATER RESOURCES BOARD

RECEIVED

DRILLER'S LOG

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

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL Mine shaft
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 Brite-Goranson M. & M. Inc.

Address 305 Main File 99780

Avondale, Montana 6-29-73

Date well started Apr 29 1973 4:35 p.m.

completed April 14 73

Type of well Mine shaft - Art. casing
(Dig, driven, bored or drilled)

Equipment used _____
(Cable drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

Industrial Drainage Other Garden/Lawn

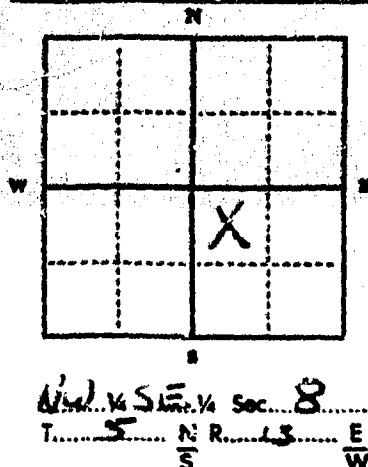
Industrial - Mining Rel. to - the - de -

*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). _____

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0-3'	Topsoil
5-10'	Gravel
10-50'	Hard Rock & Gravel
	Mudstone
	Gravel
	Deposits

Type of Well	Rate and Volume of Output	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)



Static water level 20 ft.*
Pumping water level _____ ft.*
at _____ gallons per minute,
measured _____ minutes after pumping
began.
*Measured from ground level.
Well developed by _____
for _____ hours.
Power _____ Pump _____ HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) _____
Art. casing - 2 1/2" dia. for
300 ft. with
casing - 2 1/2" dia.

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

Driller's Signature D. U. ...
Driller's Address ...

LICENSE NO. _____

Show exact depth of bottom

55847

99780

99780

FILED FOR RECORD

June 29 1979
at 35 minutes per 4 books

P Helen L. Lovell
County Recorder
By Mary M. Carthy
Deputy

200

GW

Approved Stock Form—State Publishing Co., Helena, Montana—4234

File No.

T. 5N R. 13W

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

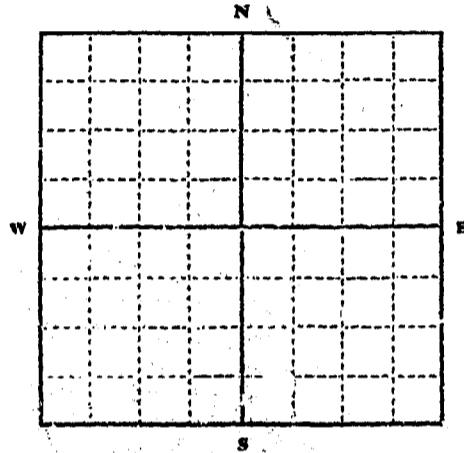
JAN 9 1964

Declaration of Vested Groundwater Rights
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. JAMES A. CLARK, of CITY HALL, BUTTE, MONTANA
(Name of Appropriator) (Address) (Town)

County of SILVER BOW 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. 13W
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 DECEMBER 31, 1963
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 1/2 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 PUMP

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 15 July 1963 to 18 July 1963
- 8. The depth of water table 17'
- 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 USED A 6" CASING. DEPTH OF WELL, 42' STATIC WATER LEVEL 25'
- 10. The estimated amount of groundwater withdrawn each year 4800 Gals.
- 11. The log of formations encountered in the drilling of each well if available Sand, Surface to 38'; Shale, to 42'
- 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 James A. Clark
Date Jan. 3, 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. 28874

81596

FILED FOR RECORD

January 7 1964

at 33 minutes past 1 o'clock

P. M. ANNA QUIGLEY

County Recorder
Carol McKeely

GW:

File No. 90590

T. 5 N R. 13 W

QUADRUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

MONTANA WATER RESOURCES BOARD

RECEIVED

AUG 8 1968

Date of Appropriation of Groundwater
(Callistina)
Owner Bernice Hardie Address 345 W. Kent, Missoula, Mont.

Contractor (if any) _____

Address of Contractor _____

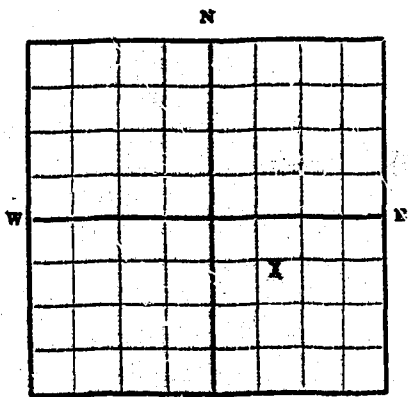
Date Started _____ Date Completed _____

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

Gravity Flow

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

Unknown



Sec. 1/4 Sec. 8 T. 5 N R. 13 W

Indicate point of appropriation and place of use, if possible.
Spring located on Almaden Mill Site patented lode mining claim Sur. #4035

Signature of Owner Bernice Hardie Callistina

Date July 30, 1968

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.

244, 484

File No.

T. 5 N R 13 W

DUPLICATE

County Beauregard

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

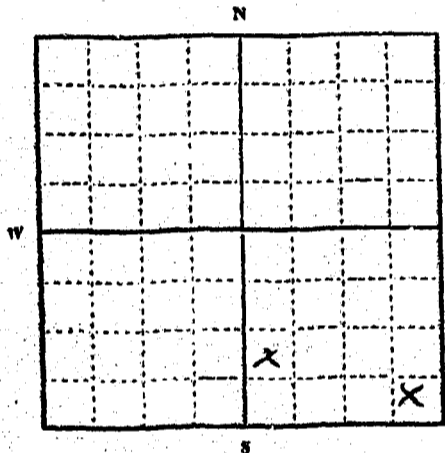
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 1952
Spring located on Y. J.
Owner Forest Service Land Address

Contractor (if any)

Address of Contractor

Date Started 1952 Date Completed 1952



Set by Sec 2 Sec 1 T. 5 R. 13
Indicate point of appropriation
and place of use, if possible.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 1200 ft of 3 inch pipe 400 ft of 1 1/4 inch pipe from spring to dwelling by natural gravity flow.

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.

15 lbs of pressure into dwelling 120 days constant use for irrigation - intermittent use for rest of the year.

Signature of Owner Paul C. James
Date 2-31-63

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

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

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

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

81315

FILED FOR RECORD
at 10 minutes past 4:00 o'clock
A.M. ANNA QUIGLEY
Mary Manner
Clerk of the Court
District

RECEIVED

99782

County Deer Lodge

3 GW 3 Revised 1969
191-1500-10/69

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File 99782
6-29-73

GW 1 _____

Owner Bethlehem Mining & Milling Co.
Address 305 Main Street
Contractor (if any) Some Indian - ?
Address of Contractor Anaconda
Date Started 1910 Date Completed 1910

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

Mine shaft which builds to a pond or mine tailings. Artesian wells.

2. Means of withdrawing water (gravity, pump, canal, etc.)

Pump and gravity.

3. Depth of water table _____

4. Use of the water

Mining & Milling & Domestic for activities.

5. Amount of groundwater claimed (in miner's inches or gallons per minute)

All that may run off or be pumped from it.

6. If used for irrigation, give number of acres and description of land

Proper number of acres utilized is not accurately known.

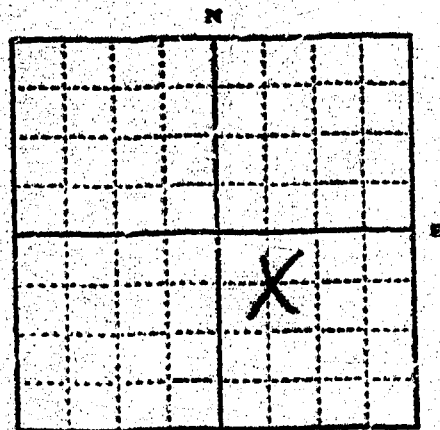
7. Estimate amount of water used each year _____

8. Months of year spring flows

Annually flows.

Signature of Owner

Bethlehem Mining & Milling Co.
[Signature]
Date June 28, 1973

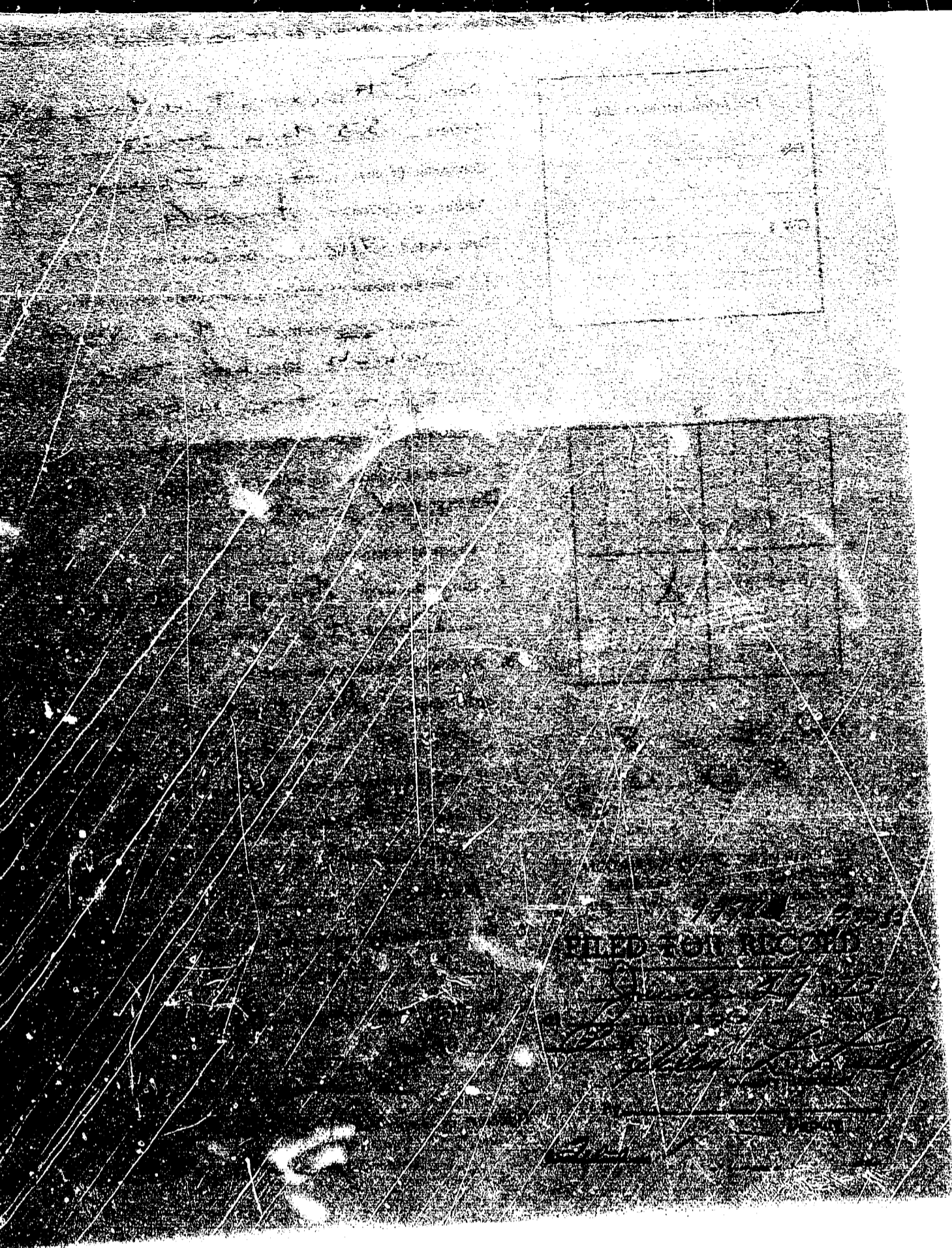


NW 1/4 SE 1/4 Sec. 8

T. 5 N. 13 E. W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estimated _____

55844



File No. _____

T 5 N R 13 W. N.P.M.

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 2 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

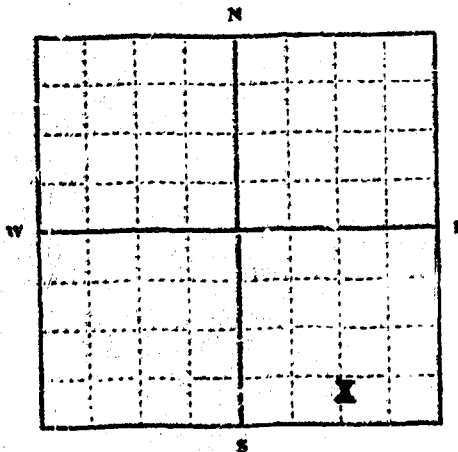
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Jan. 18, 1913
K. F. Ackerlund
Owner Virginia B. Ackerlund 212 N. 2nd St.,
Missoula, Montana.
Contractor (if any) None

Address of Contractor _____

Date Started Jan. 1913 Date Completed July 1913.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Source rises in spring area in SE 1/4 of Sec. 8, T.5N, R.13W, piped to pump then run and into reservoir from which it is piped to house for domestic use.



SE 1/4 Sec. 8 T.5N R.13 W
indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Approx. 20 Gal/Min. Use intermittent, dependent on weather and temperature.

Signature of Owner Virginia B. Ackerlund
Virginia B. Ackerlund
Date December 7, 1963

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

81265

DIVISION OF INVESTIGATION

COMMUNICATIONS SECTION

FILED FOR RECORD

Dec 30 1963
at *12* minutes past *11:09* a.m.
P.M.

KNWA OUTLET

Thompson
Operator

GW 3

File No. _____

DUPLICATE

T. S. N. R. 134

County Deer Lodge

RECEIVED JUN 27 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater About Jan. 14, 1915

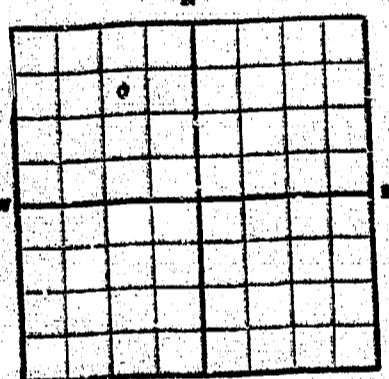
Owner Clinton G. Marshall Address Aspen, Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started Sometime in 1910 Date Completed 1-14-15

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Thru 100 ft tunnel



Water transmission is thru 6 inch pipe from approximately 500 ft back in tunnel to several houses located on this Mining Claim known as the Trilby Lode Survey 1907

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

M.M.A. Sec. 9 T.S.N.R. 134
Indicate point of appropriation and place of use, if possible.

Signature of Owner Clinton G. Marshall
Date June 14, 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.

Doc. No. ?
Filed for record
this 26th day of June
A. D. 1963, at 11:26
o'clock P.M.



SW2

File No. _____

DUPLICATE

T. S. N. R. 124

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 27 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

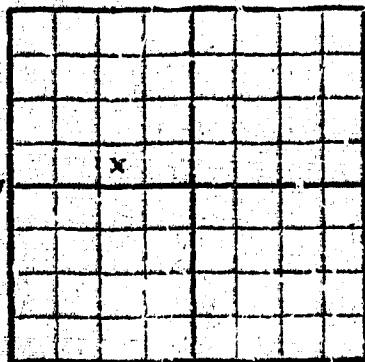
Date of Appropriation of Groundwater January 6, 1915 ^{Mont.} Anaconda
Owner ROSE M. McEWAN 421 Chestnut Street/
EVELYN HARDTLA Address Silver Lake, Montana

Contractor (if any) _____

Address of Contractor _____

Date Started 1-6-1915 Date Completed 3-30-1915

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



2 1/2" pipeline from spring which arises from claim known as "JOKER LODGE", Survey Number 9588, which claim is owned by the above named parties.

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 _____

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

Taken and appropriated from spring which arises on "JOKER LODGE".

Evelyn Hardtla
Rose M. McEwan
Signature of Owner _____

Date June 14, 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.

Doc. No. ?
Filed for record
this 26th day of June
A. D. 19 63 at 10:28
o'clock A.M.