

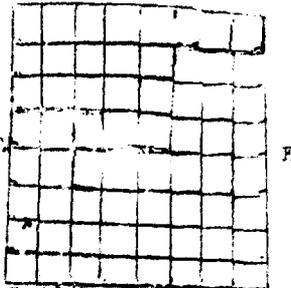
MONTANA

RECEIVED
JAN 2 1964

OFFICE OF STATE
OF VESTED GROUNDWATER RIGHTS
(Act No. 237, Montana Session Laws, 1961)

STATE ENGINEER

1. OLAF A. WENGER (Name), of 2645 St. Ann's St., Butte, Montana (Address) (Town)
County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana Act in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 17 T3N R5W
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use or which the claim is based
Household Use Only
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
4/27 - Continuous since then
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
10 gallons
- 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
nil
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
electric pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
April, 1927
- 8. The depth of water table
8 feet
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
4 feet by 4 feet by 60 feet deep
- 10. The estimated amount of groundwater withdrawn each year
220,000 gallons
- 11. The log of formations encountered in the drilling of each well if available
clay - other not known
- 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 Olaf A. Wenger
Date 12-30-63

COUNTY OF MONTANA) ss
COUNTY OF SILVER BOW)

OLAF A. WENGER

having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights of the person whose name is described herein, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Allen D. Kenney

18151

Subscribed and sworn to before me, this 31st day of December at Butte, Montana 12/12/1963

257 273

STATE OF IOWA,
COUNTY OF SILVER BURDEAU, } ss.

I hereby certify that the within instrument
was filed at my office on the 31 day

of 13 minutes past 10 o'clock

at my hand:
Wm. Lloyd D. STEPHENS
County Clerk of Iowa

Wm. Lloyd D. Stephens

File No. 6

MONTANA WATER RESOURCES BOARD
RECEIVED

T. 34 R. 01

QUADRUPLICATE

JUN 24 1969

County Silverbow

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level 5500)

0' top soil & sand
12' sandy clay
28' fine sand (seepage)
50' sand & clay
65' fine sand (seepage)
125' sand & clay mixed
145' sandstone gravel & boulders (water)
.....bottom.....

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Walter A. Wagoner Address Wagoner, Montana

Driller Barva Drilling & Pump Address Butte, Montana

Date of Notice of appropriation of groundwater July 30 1968

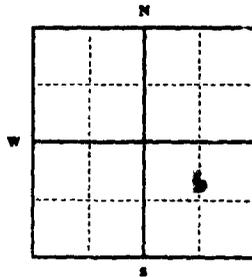
Date well started July 25 1968 Date completed July 30 1968

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6" ID	2 1/2" 135	0'	125'	Screen	285'	145'



Static Water Level for non-flowing well 25 feet.

Shut-in Pressure for Flowing Well NA

Pumping Water Level 25 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well NA

How Tested Normal

Length of Test 3 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) water is coming from sandstone below the pipe

1/4 Sec. T. 34 R. 01
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).

NA

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.

50-170
Driller's License Number

Walter J. Barva

Driller's Signature.

45,362

291290
291291

STATE OF MONTANA, } ss.
COUNTY OF SILVER BOW. }

I hereby certify that the within instrument
was filed at my office on the 7
day of March A. D. 1966
at 10 minutes past 12 o'clock
of the PM hour.

WILLIAM B. HOFFMAN
County Clerk and Ex-Officio
William B. Hoffman

316515

STATE OF MONTANA, }
COUNTY OF SILVER BOW. } ss.
I hereby certify that the within instrument
was filed at my office on the _____
day of _____ A. D. 19__73__, at
_____ minutes past _____ o'clock _____
A.M./P.M.

WASEL E. MCGEE,
County Clerk and Recorder
By: *[Signature]*

County SILVER **RECEIVED**
JAN 3 1964

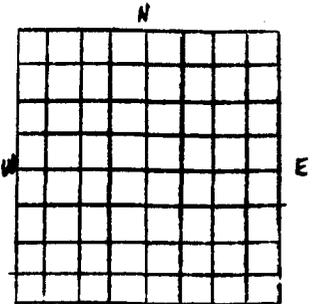
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

Donna M. Lewis of Box 271 RT1 Butte Montana
1. BILL LEWIS (name of appropriator), of Box 271 RT1 Butte Montana (address) (Town)

County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana Laws in effect prior to Jan. 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.

Silver Bow plater 7971
18 31/4 SW 3-1

- 2. The beneficial use on which the claim is based
Domestic for Home and trailer camp
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Sept 1950 continuous use
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
approximately 100 gallons per minute
- 5. If used for irrigation, give the acreage & description of the lands to which water has been applied & name of the owner thereof
No fruit trees in yard
- 6. The means of withdrawing such water from the ground and the location of each all 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
SEPT 1950 Completed on same lot
- 8. The depth of water table
14 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
Casing 30ft type 4 size 7in a drilled well
- 10. The estimated amount of groundwater withdrawn each year
- 11. The log of formations encountered in the drilling of each well if available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any Co. record

Date Jan 1 1964 Signature of Owner B. J. Lewis

STATE OF MONTANA)
COUNTY OF SILVER BOW) ss _____ having first been duly
sworn, depose _____ and say that he _____ of
lawful age and B. J. Lewis the appropriator _____ and
Claimant _____ of the order and water right mentioned in the foregoing declar-
ation of vested groundwater rights and the person whose name subscribed
thereto, as the appropriator and claimant, that he _____ know the
contents of said foregoing notice & that the matters & things therein stated
are true.

Subscribed and sworn to before me this JAN 2 1964 day of _____, 19
Notary public for the St. of Montana, residing at _____ of the State of Montana.
Commission expires _____
21562

251338

FILED
BY
FILED AT
CITY OF
JUN 17 1964

Margaret Land

GW 4

T 3 N R 2 W

County SILVER BOW

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

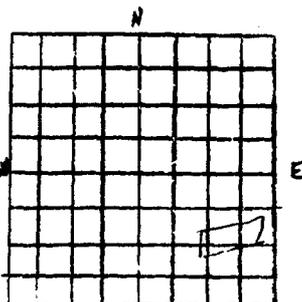
RECEIVED
JAN 2 1964

STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Mudge Tamietti, of Rte 4, Box 273 Butte
(name of appropriator) (address) (Town)

County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana Laws in effect prior to Jan. 1, 1962, as follows:



S.E. 1/4 Sec 18 T 3 N R 2 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, Irrigation & Stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Since 1935 & continuous since
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
200 MINER INCHES
5. If used for irrigation, give the acreage & description of the lands to which water has been applied & name of the owner thereof
Approx 11 A. S.E. 1/4 Sec 18, T3N R2W
Mudge Tamietti (owner of property)
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
PUMP, West End of property
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Unknown
8. The depth of water table Approx 20 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
Excavated 4 ft diam. Stone lined - 70' deep
10. The estimated amount of groundwater withdrawn each year 180,000 Gals.
11. The log of formations encountered in the drilling of each well if available
Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any Co. record

Date 12-31-63Signature of Owner Mudge TamiettiSTATE OF MONTANA
COUNTY OF SILVER BOW)

) ss

Mudge Tamietti having first been duly sworn, depose and say that he of

lawful age and the appropriator and Claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice & that the matters & things therein stated are true.

Subscribed and sworn to before me this 12/21/63 day Notary Public for the State of Montana
Notary public for the St. of Montana, residing at Butte, Montana
Commission expires January 14, 1965

Commission expires 18139

251-277

I hereby certify that the within is true
was filed at my office on this 11th day of
Gay Shuman, Affiant
Invest my hand
1941

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 Bill Brock

Address Silver Bow,

Montana 59750

Date well started 4/3/73

completed 4/5/73

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

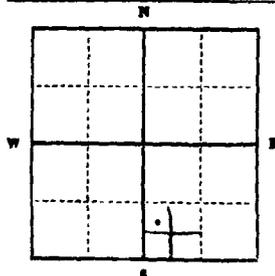
Industrial Drainage Other Garden/Lawn

*Describe

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'	142'	Cutting torch	135'	155'
	5 5/8" od x .250	138'	155'			



Static water level 134 ft.*
Pumping water level ft.*
at 20 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.
Well developed by bailing for 60 hours.
for hours.

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

NW 1/4 SW 1/4 SE 1/4 Sec. 19
T. 3 N. R. 8 W.

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

County Silver Bow

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'	2'	Top soil
2'	78'	Sandy clay
78'	140'	Rock ledge with clay matrix
140'	155'	Rock with gravel particles
		Water

155' Show exact depth of bottom

53,097

318250

STATE OF MONTANA, }
COUNTY OF SILVER BOW. } ss.
I hereby certify that the within instrument
was filed at my office on the 7th
day of May A. D. 1972
20 minutes past 1 o'clock P.M.
of the year 1972.

HAROLD E. MOGENSEN
County Clerk and Recorder

Harold E. Mogensen

RECEIVED
73 MAY 23 11:28
SILVER BOW, MONTANA
COUNTY CLERK'S OFFICE

NOTICE TO CREDITORS

RECEIVED

County Silver Bow

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 DENNIS CROWLEY

Address 1722 So. WASHINGTON

LITTLE, MONTANA 59701

Date well started 2/30/72

completed 7/1/72

For Administrator's Use	
File <u>316014</u>	DATE <u>JANUARY 27, 1973</u>
GW <u>13:40 p.m.</u>	

Type of well DRILLED
(Dig, drive, bored or drilled)

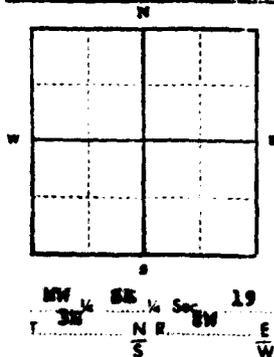
Equipment used CHAIN DRILL
(Chain drill, rotary or other)

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

Diameter of Well	Depth of Well	Diameter of Casing	Depth of Casing	RESERVOIR		
				Static Head	Flow	To Depth
6"	67' 00"	0'	122'	4' x 6"	119'	122'
	17.0244			TORCH		



Static water level 15 ft.*
Pumping water level 132 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,
peckers, type of shutoff) _____

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

Driller's Signature Monte J. Crowley

Driller's Address _____

LICENSE NO. 121

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	TOP SOIL
3	30	CLAY
30	50	CLAY - TORCH
50	60	Boulders / CLAY
60	78	CLAY
78	102	SAND - (WATER)
102	108	CLAY
108	122	SAND - WATER

122 Show exact depth of bottom

#316014

316014

STATE OF MONTANA,
 COUNTY OF SILVER BOW. } ss.
 I hereby certify that the within instrument
 was filed at my office on the _____
 day of _____ A. D. 19____.

 Attest my hand and seal this _____ day of _____
 19____.

WALTER E. MCKER
 County Clerk and Recorder

[Signature]
 200

#316015

STATE OF MONTANA }
COUNTY OF SILVER BOW. } ss.
I hereby certify that the within instrument
was filed at my office on the _____
day of _____ A. D. 19____ at
_____ months past _____ o'clock _____
Alphabetical names:

HAROLD N. MORTON
County Clerk

By _____
200

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.

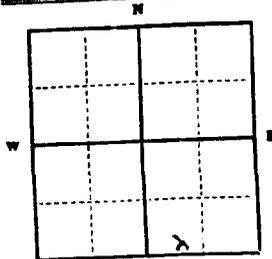
Owner V. Richens
Address 2217 Harvard
Butte, Montana 59701
Date well started 3/28/73
completed 3/30/73
Type of well Drilled
Equipment used Churn drill
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

For Administrator's Use
File 317786
April 16, 1973
GW 11:26 A.M.

*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	+ 2'	150'	Cutting torch	143'	148'



SE 1/4 Sec. 19
T. 3 N. R. 2 W.

Static water level 136 ft.*
Pumping water level 20 to 25 gallons per minute, measured 20 to 25 minutes after pumping began.
*Measured from ground level.
Well developed by pumping for 20 to 25 hours.
Power 20 to 25 HP Pump 20 to 25 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

County Bellevue

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'	6'	Clay & boulders
6'	30'	Tan sandy clay
30'	110'	Layers of rock & clay seams
110'	125'	Firm rock
125'	132'	Clay & gravel
132'	140'	Red rock
140'	150'	Rock, gravel, water

150' Show exact depth of bottom

317796

STATE OF MONTANA,
COUNTY OF SILVER BOW. } ss.

I hereby certify that the within instrument
was filed at my office on the 16th
day of April A. D. 1922
26 minutes past 11 o'clock A.
After my hand:

HAZEL E. MOFFE,
County Clerk and Ex-Officio

By Richard M. [Signature]

RECORDED
INDEXED
MAY 1 1922
SILVER BOW COUNTY CLERK'S OFFICE
MONTANA

County DEWEE

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 Jim Rowe
 Address Miss. Lee, INC. INC.
Butte - MONTANA 59701
 Date well started 4-17-72
 completed 6-21-72

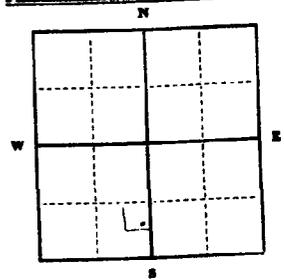
For Administrator's Use	
File	<u>314031</u>
Date	<u>Nov. 6/1972 3:05 p.m.</u>
GW 1	

Type of well _____ (Dug, driven, bored or drilled)
 Equipment used _____ (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"	5.00 17.116	0'	200'	1/4" x 6"	195'	200'
				TURCH		



Static water level 170 ft.*
 Pumping water level 180 ft.*
 at 25 gallons per minute,
 measured 2 minutes after pumping
 began.
 *Measured from ground level.
 Well developed by 2.5 hours
 for 12 hours
 Power _____ Pump _____ HP
 Remarks: (Gravel packing, cementing,
 packers, type of shutoff) _____

N 1/4 Sec. 19
 T. 2 N. R. 2 W.

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

Driller's Signature Martin J. Rowe
 Driller's Address 1111 1st St. Butte, MT
 License No. 129

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	7	TOP SOIL
7	35	CLAY
35	50	CLAY / GRAVEL
50	65	CLAY / GRAVEL
65	80	CLAY / GRAVEL
80	15	ROCKY
15	100	SAND / CLAY
100	110	SAND STONE
110	115	SAND STONE
115	125	CLAY
125	135	CLAY
135	150	CLAY / GRAVEL
150	160	CLAY
160	165	SAND / GRAVEL
165	170	SAND / GRAVEL
170	175	SAND (WATER)
175	180	SAND
180	200	SAND

200' Show exact depth of bottom

51,842

314031

STATE OF MONTANA, } ss.
COUNTY OF SILVER BOW. }

I hereby certify that the within instrument
was filed at my office on the 6
day of Nov A. D. 1972
6 minutes past 5 o'clock PM

At my office:
HARVEY E. MOORE
County Clerk and Recorder.
Harvey E. Moore

311670

STATE OF MONTANA }
COUNTY OF SILVER BOW. }

I hereby certify that the within instrument
was filed at my office on the 22
day of July D. 1920
22 minutes past 10 o'clock A.M.

Attest my hand
HARVEY E. MOORE
County Clerk and Recorder.
Harvey E. Moore 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.

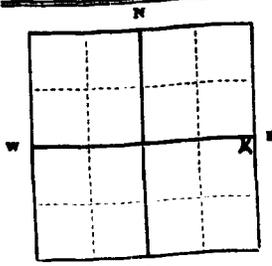
Owner Tom Danks
Address Rocker via
Butte, Montana 59701
Date well started 5/25/73
completed 5/27/73
Type of well Drilled
Equipment used Churn Drill
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

For Administrator's Use
File 511766
DATE 5/25, 1973
GW 1 Little Falls

*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 .230	0 + 2'	194'	Cutting torch	187'	192'



NE 1/4 Sec 20
T. 3 N. R. 8 W.

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

County Butte

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'	Top soil
3'	22'	Decomposed granite, sand
22'	36'	Decomposed sand & clay
36'	127'	Decomposed granite with clay seams
127'	194'	Decomposed granite, sand & gravel
		Water

Static water level 178 ft.*
Pumping water level 189 ft.*
at 8 gallons per minute,
measured 10 minutes after pumping
began.
*Measured from ground level.
Well developed by balling for two hours, then test pumping
for 1 hours.
Power 1 Pump 1 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

194' Show exact depth of bottom

l
v
d
l

alay

of bottom

372

319406
319406

STATE OF MONTANA,
COUNTY OF BELLEVILLE } ss.
I hereby certify that the within instrument
was filed at my office on the 25
day of January, A. D. 1929.
16 minutes past 2 o'clock P.M.
at the city of Helena.

HARVEY L. SCOTT,
County Clerk and Ex-Officio
Notary Public

File No.

RECEIVED

T. R.

QUADREPLICATE

DEC 22 1969

County Silver Bow

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1968

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

Owner Tom Parks Address 1358 N. Mont

Driller HARRIS DRILLING CO Address 2311 E. MONT

Date of Notice of appropriation of groundwater NOV 17 1969

Date well started OCT 21 69 Date completed NOV 17 69

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

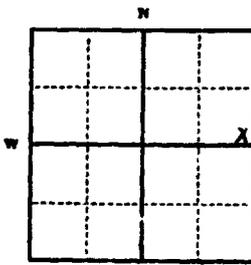
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.



Top of Ground
(Elev. above sea level 5140)

Size of Bit Diameter	Size and Weight of Casing	From (Feet)	To (Feet)	TEMPERATURE		
				Kind Site	From (Feet)	To (Feet)
6 IN	6 1/2" 100	0'	202'	108°	178'	202'
	17.02					
	105					

WATER
ENCOUNTERED
AT 17.02



Static Water Level for non-flowing well 178'

Shut-in Pressure for Flowing Well 178'

Pumping Water Level 100 feet
at 6 gal. per minute.

Discharge in gal. per min. of flowing well NA

How Tested Static

Length of Test 2 hrs

Remarks: (Gravel packing, cementing, pack-
ers, type of shutoff) Water Casing

NE 1/4 Sec 20, T 31 N, R 8 E, M
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 Addi-
tion).

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

16103

GW 1

MONTANA WATER RESOURCES BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—4537

File No. _____

RECEIVED

T. _____

QUADRUPLICATE

DEC 22 1969

County Silver Bow

LOG

STATE OF MONTANA
ADMINISTRATOR OF GEOLOGICAL SURVEY
STATE WATER CONSERVATION DIVISION

Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1968

(Under Chapter 287 Montana Session Laws, 1961, as amended)

Owner Tom DUKES 14000 Rocker Road

Driller BARNES DRILLING COMPANY Helena, Montana

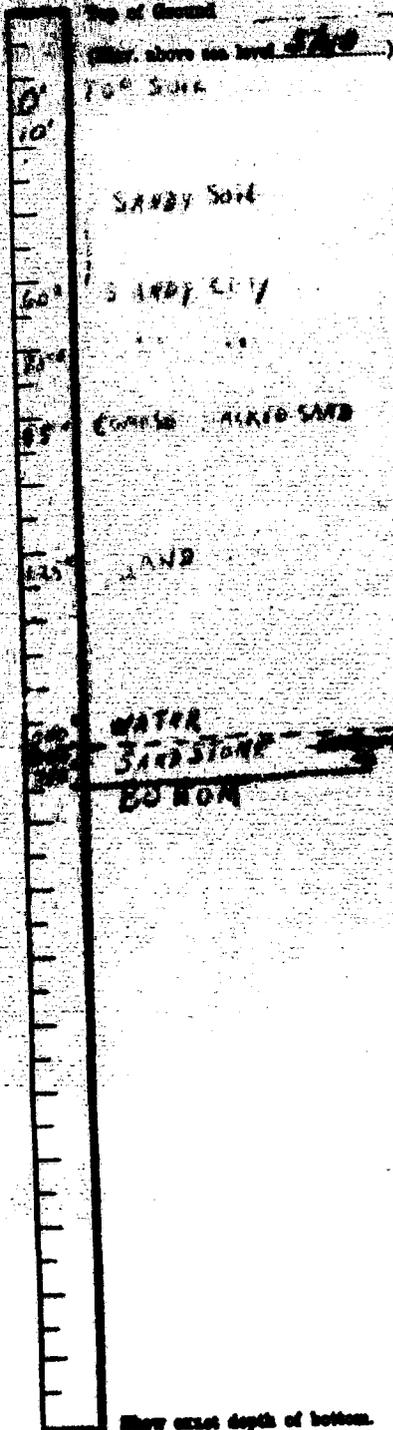
Date of Notice of appropriation of groundwater NOV 22 1969

Date well started OCT 1 1969 Date completed NOV 22 1969

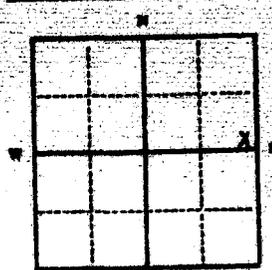
Type of well DRILLED Equipment used _____
(Caug, Artesian, bored or drilled)

Water use: Domestic Municipal Industrial Drainage

Indicate on the diagram the strata and their approximate thickness met with in drilling, such as sand, clay, shale, etc., and the depth at which water is encountered, and the character of the strata and height to which the water rises in the well.



Stratum	Thickness (ft)	Depth (ft)	Water Level (ft)	Remarks
SANDY SOIL	10	0	24.5	
SANDY CLAY	50	10		
COARSE ALKALINE SAND	5	60		
SAND	3.5	68.5		
WATER SANDSTONE	0.5	69		
SANDSTONE	11.5	80		



Static Water Level _____

Static Pressure for Flowing Well _____

Pumping Water Level _____

at _____ ft. per minute

Discharge in gal. per min. of _____

How Tested WELL

Length of Test 2 HRS

Remarks: (Gravel packing, cementing, pack-
ers, type of shaft) Water Pump

NE 1/4 Sec 20 T 14 N R 14 W
Indicate location of well and
place of use, if possible. Each
small square represents 40
acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state
number of acres and location or other data (i.e.: Lot, Block and Ad-
dition). N/A

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, three copy to be
retained by driller.

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

177
Driller's License Number
BARNES DRILLING COMPANY
Signature
16003

294 525

25 Nov 100 25/68

Ray H. Miller

T 3ⁿ R 8^w 20

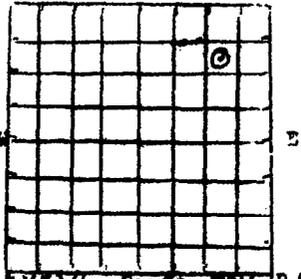
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County RECEIVED
JAN 2 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)
STATE ENGINEER

1. James Gerry, of R.F.O#1 Rocker 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:

SPIER PLACER
N M&B POR. 104'-104'



NE 1/4 Sec 20 T3N R2W
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 1926-1961
 - 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5901/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 & GROUND HOUSE
 - 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Elect Pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1926
 - 8. The depth of water table 23'
 - 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 18'
 - 10. The estimated amount of groundwater withdrawn each year 73000 gal
 - 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 None

Signature of Owner James Gerry
Date _____

STATE OF MONTANA) ss
COUNTY OF SILVER BOW)

JAMES GERRY having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

James Gerry

Subscribed and sworn to before me, this 31st day of Dec, 1963

Notary public for the State of Montana, residing at Butte, Mont Commission Expires 2/28/66
1965

251273
251273

STATE OF MONTANA
COUNTY OF SILVER BOW

I hereby certify that the within instrument
was filed at my office on the _____ day of _____
_____ minutes past _____ o'clock and
Attest my hand:

WILLIAM H. BURMAN
County Clerk
E. M. Allen

Copy
GW 4

3N-8W-20
T 3N R 3W

County Silver Bow

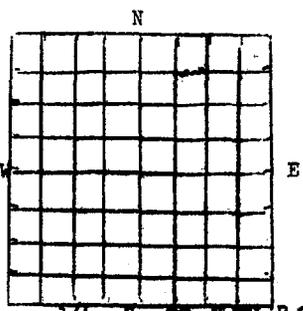
RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1. Elizabeth Richter, of R. F. D. #1 (Walden Packer) Unit
(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:

Por of SB; NB; NE; M & B 20 3N 8W 2-1



1/4 Sec 20 T 3N R 3W
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
Maintenance of home and garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1932 and continued
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
30 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
Garden (private)
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric jet pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Commencement: March 1, 1932. Completion: June 10, 1932
- 8. The depth of water table 45 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
Type: sunk by hand Size: 4 feet by 6 feet (oval) Depth: 22 feet
- 10. The estimated amount of groundwater withdrawn each year 80,000 gallons
- 11. The log of formations encountered in the drilling of each well if available
clay and 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

Signature of Owner Elizabeth Richter
Date Mar. 19, 1962

STATE OF MONTANA) ss
COUNTY OF SILVER BOW) Elizabeth Richter having first been duly sworn,
depose and say that she of lawful age and blood is
the appropriator and claimant of the order and water right mentioned in the
foregoing declaration of vested groundwater rights and the person whose name is
subscribed thereto, as the appropriator and claimant, that she know
the contents of said foregoing notice and that the matters and things therein stated are
true.

Subscribed and sworn to before me, this 19 day of March, 1962
Notary public for the State of Montana, residing at _____ Commission expires _____

STATE OF
COUNTY OF

STATE OF
COUNTY OF

239217
239217

I hereby certify that the within and
was filed in my office on the 19th day of
March, 1962, at my office.

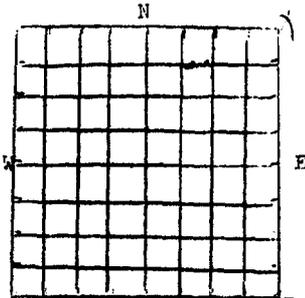
By Russell A. Harrell

T3N R 8W 20
County Silver Bow
R DEC 31 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1962) STATE ENGINEER

1. Ellen Richter, of A.H. #1, Becker
(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:



1/4 Sec 6 T3N R 8W
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 Water supply for dwelling
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1935 Continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 a 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 Garden use
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 1935 June 1935
- 8. The depth of water table 33 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 50 deep 6 inch diameter
- 10. The estimated amount of groundwater withdrawn each year 300,000 gallons
- 11. The log of formations encountered in the drilling of each well if available None
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Ellen Richter
Date DEC 20 1963

STATE OF MONTANA)
COUNTY OF SILVER BOW) ss
Ellen Richter having first been duly sworn,
depose and say that he of lawful age and
the appropriator and claimant of the order and water right mentioned in the
foregoing declaration of vested groundwater rights and the person whose name
subscribed thereto, as the appropriator and claimant, that he know
the contents of said foregoing notice and that the matters and things therein stated are
true.

Margaret Reed

Subscribed and sworn to before me, this _____ day of _____, 19____

Notary public for the State of Montana, residing at _____
My Commission Expires January 14, 1966

18894

251212

STATE OF MONTANA }
COUNTY OF SILVER BOULDER }

I hereby certify that the within instrument
was filed at my office on the 25
day of July, D. 1923 at
10 minutes past 4 o'clock P.
Attest my hand:

WILLIAM H. BURMAN
County Clerk and Recorder

W. H. Burman

County Silver Bow

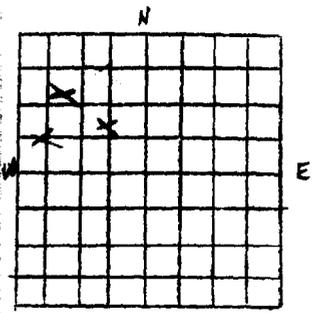
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS STATE ENGINEER
(Under Chapter 237, Montana Session Laws, 1961)

1. _____ of _____
(name of appropriator) (address) (Town)

County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana Laws in effect prior to Jan. 1, 1962, as follows:



NW 1/4 Sec 10 T3 R 5W
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based
irrigation of alfalfa & livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
continuous since 1913
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
20 miner's inches
- 5. If used for irrigation, give the acreage & description of the lands to which water has been applied & name of the owner thereof
20 acres baseless
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
natural spring S
- 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 surface
- 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 200,000 gallons
- 11. The log of formations encountered in the drilling of each well if available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any Co. record

Date 12, 1963 Signature of Owner Elizabeth Qualiter

STATE OF MONTANA }
COUNTY OF SILVER BOW } ss Elizabeth Qualiter having first been duly sworn, depose and say that he of lawful age and the appropriator and Claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice & that the matters & things therein stated are true.

Subscribed and sworn to before me this 31 day of Dec, 19 63
Notary public for the St. of Montana, residing at Butte Mont
Commission expires Jan 17 1966

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NOTARY PUBLIC
COUNTY OF ...
I hereby certify that the within instrument
was filed at my office on the 31
day of March, D. 1963
15 minutes past 11 o'clock
attest my hand:

E. M. Alton

STATE OF MONTANA
COUNTY OF SILVER BOW

NOTARY PUBLIC

My commission expires on _____

216503

STATE OF MONTANA, }
COUNTY OF SILVER BOW, } ss.
I hereby certify that the within instrument
was filed at my office on the 2nd
day of April 1974
at 2 o'clock P.M.
Attest my hand _____

[Signature]

MONTANA STATE INSURANCE BOARD
RECEIVED
APR 15 1974

30 800 20
T.R.M. R.M.

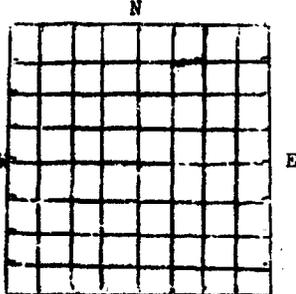
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County Silver Bow
RECEIVED

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1. Robert E. Richter, of R.E.D.#1 Box 235 (Rocher) Butte
(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:

For of SB, NB, NE, NW 20 30 30 2-1



1/4 Sec 20 of 30 R 20
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
Maintenance of base and garden
- Date or approximate date of earliest beneficial use; and how continuous the use has been
(two wells) 1932 & 1934 continued
- The amount of groundwater claimed (in miner's inches or gallons per minute)
30 gallons per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
garden (private)
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric jet pump and windmill
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Commencement March 1, 1932 Completion (second well) June 10, 1934
- The depth of water table
40 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
2nd. Sunk by hand Size 4 feet by 6 feet (oval shape) Depth 30 feet
1st. Sunk by hand size 4 feet by 4 feet (round) Depth 25 feet
- The estimated amount of groundwater withdrawn each year
80,000 gallons (both)
- The log of formations encountered in the drilling of each well if available
clay and sand
- 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 Robert E. Richter
Date March 19, 1962

STATE OF MONTANA)
COUNTY OF SILVER BOW) ss
Robert E. Richter having first been duly sworn,
depose and say that he is of lawful age and is
the appropriator and claimant of the order and water right mentioned in the
foregoing declaration of vested groundwater rights and the person whose name is
subscribed thereto, as the appropriator and claimant, that he knows
the contents of said foregoing notice and that the matters and things therein stated are
true.

Subscribed and sworn to before me, this 19th day of March, 1962
Notary public for the State of Montana, residing at 7-15

534216
239216

STATE OF
CALIFORNIA

I hereby

was filed

March

1200

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62
P

Francis A. Har...

UP
DOWN
NOT
RECORDED
INDEXED
FILED
MAR 12 1962
FBI - SAC, LOS ANGELES
MAR 12 1962
FBI - SAC, LOS ANGELES
MAR 12 1962
FBI - SAC, LOS ANGELES

GW 4

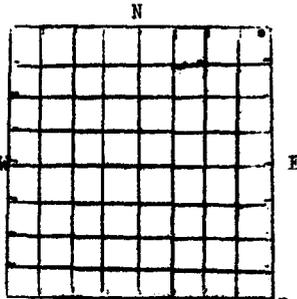
T 3 N R 8 E 20

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County Silver Bow
RECEIVED

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1. Rudolph E. Richter, of R. E. D. #1 (Rockier) Butte
(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:



1/4 Sec 20 T 3 N R 8 E
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

Por of SE, NE, NW (N & E) 20 SW 2-1

- 2. The beneficial use on which the claim is based
Maintenance of home and garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1934 and continued
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
15 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
garden (private)

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Commencement- March 8, 1934 Completion- May 10, 1934

8. The depth of water table 35 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
Type- ~~4 1/2~~ sunk by hand Size- 4 foot Depth- 46 feet

10. The estimated amount of groundwater withdrawn each year 40,000 gallons (estimate)

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

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

Signature of Owner Rudolph E. Richter
Date March 19 - 1962

STATE OF MONTANA)
COUNTY OF SILVER BOW) ss Rudolph E. Richter having first, been duly sworn,
depose and say that he of lawful age and 10
the appropriator and claimant of the order and water right mentioned in the
foregoing declaration of vested groundwater rights and the person whose name is
subscribed thereto, as the appropriator and claimant, that he know
the contents of said foregoing notice and that the matters and things therein stated are
true.

Subscribed and sworn to before me, this 19 day of March, 19 62
Notary public for the State of Montana, residing at _____ Commission Expires _____



NOTARIAL PUBLIC
STATE OF MICHIGAN

239278
239218
STATE OF MICHIGAN, ss.
COUNTY OF SHELBY, ss.

I hereby certify that the within instrument
was filed at my office on the 14th day of
March A. D. 1962 at
2 minutes past 12 o'clock P. M.
Attest My Hand

WILLIAM H. BUCHANAN
Notary Public
By *William H. Buchanan*

FILED
MAR 14 1962
SHELBY COUNTY, MICHIGAN

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

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.

(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 Walt Richter
Address Bozeman, Montana
Date well started Feb. 5, 1970
completed Feb. 8, 1970

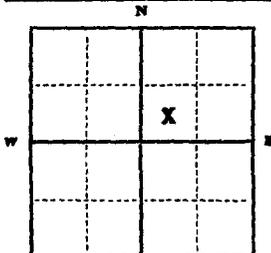
For Administrator's Use	
File	<u>296502</u>
	<u>April 3, 1970</u>
GW 1	

Type of well drilled
(Dug, driven, bored or drilled)
Equipment used chain 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	From (Feet)	To (Feet)
6"	6" I.D. 17 lb	0'	171'	cutting torch	164'	169'



Portion of
SE 1/4 NE 1/4 Sec. 20
T. 3N. N R. 8. E

Static water level 122 ft.*
Pumping water level 144 ft.*
at 30 gallons per minute,
measured _____ minutes after pumping
began.
*Measured from ground level.
Well developed by test pump
for 8 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 [Signature]
Driller's Address O'Keefe Drilling Co.
Butte, Montana LICENSE NO. 8

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	2	top soil
2	55	sandy clay
55	128	Clay & Sandstone
128	132	Water 2' GW sand
132	170	Sand WATER

170' Show exact depth of bottom

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 Dale Thompson
Address 2160 North Drive
Butte, Montana 59701
Date well started June 28, 1972
completed July 7, 1972

For Administrator's Use	
File <u>3/2058</u>	
<u>July 19, 1972 11:20 am</u>	
GW 1	

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

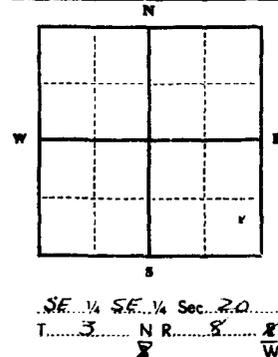
Equipment used Churn Drill
(Churn drill, rotary or other)

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

*Describe _____
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	+1'	191'	cutting torch	185'	190'



Static water level 175' ft.*
Pumping water level 181' ft.*
at 12 gallons per minute,
measured _____ minutes after pumping
began.
*Measured from ground level.
Well developed by bailing
for 2 hours.
Power 1000 Pump 2 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
Ret. pump @ 185'

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 Ave.
Butte, Montana 59701 LICENSE NO. 8

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0'	2'
2'	20'
20'	30'
30'	100'
100'	105'
105'	155'
155'	191'

0' 2' top soil
2' 20' sandy clay
20' 30' sandy very little clay
30' 100' decomposed granite
100' 105' granite - fine
105' 155' decomposed granite
155' 191' granite & pocket of gravel bearing water

191' Show exact depth of bottom

51,179

3,2058

STATE OF MONTANA }
 COUNTY OF SILVER BOW } ss.
 I hereby certify that the within instrument
 was filed at my office on the 17
 day of July A. D. 1929 at
 3:00 minutes past 2 o'clock P.M.
 Attest my hand: HAZEL S. MOYER
 County Clerk and Recorder.
 Deputy

RECEIVED

County SILVER BOW MT.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE 10-10-1973
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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.

(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.

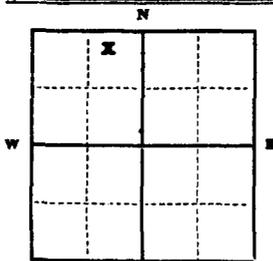
Owner Jack Hammer
Address Rocke, Montana
Date well started 4/30/73
completed 4/30/73
Type of well Drilled
Equipment used Churn drill
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

For Administrator's Use
File 78304
MAY 9, 1973
GW 1 2:44 p.m.

*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 351,000 cubic feet

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 1/8" od x .286	0' + 1'	88'	Cutting torch	72'	78'



NE 1/4 NW 1/4 Sec 21
T. 33N N.R. R8W E MPM Townsite-Hammer residence

Static water level 53 ft.*
Pumping water level 73 ft.*
at 9 gallons per minute,
measured 9 minutes after pumping
began.

*Measured from ground level
Well developed by balling for one hour
for 1 hours.

Power Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
well is located approx. on lot 15 block 2 Rocke
MPM Townsite-Hammer residence

Top of Ground (Elev. above sea level) <u>5100'</u>	
From (Feet)	To (Feet)
0'	2'
2'	18'
18'	58'
58'	63'
63'	78'
78'	80'

TOP SOIL
SAND
GRANITE - decomposed
GRANITE - decomposed lighter
GRANITE - decomposed
GRANITE - decomposed
GRANITE - decomposed
WATER - 3' up

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

80' Show exact depth of bottom

53,481

319 304

STATE OF MONTANA }
County of _____ } ss.
I, _____, Clerk of the County, do hereby certify that the within instrument was duly recorded in the _____ office on the _____ day of _____ A. D. 19____ at _____ o'clock _____ P. M. of the year _____.

44 _____
Attest my hand:
_____ CLERK OF COUNTY
_____ County Clerk

Richard M. Gray

252685

STATE OF MONTANA)
COUNTY OF SILVER BOW)

I hereby certify that the within instrument
was filed at my office on the

of 11th day of April, A. D. 1911, at

minutes past 11 o'clock P.M.

WILLIAM F. BUSHMAN
County Clerk in Charge

Jay Miller

618

CRIME
SEP 14 1970

Sec 21

File No. _____

T3N 88W 4PM
SILVER BOW COUNTY, MONT.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Doc. No. 298934
Filed for record
this 8th day of Sept
A. U. 19 70 # 11,20

NOTICE OF APPROPRIATION AND DECLARATION
GROUNDWATER AND VESTED GROUNDWATER RIGHTS

1. I JOHN LESLIE HAMNER of RFD ROCKER, BUTTE MONTANA 59701 County of Silver Bow, State of Montana, have appropriated and do now appropriate groundwater in accordance with Chapter 237 Session Laws 1961; and according to the Montana laws in effect prior to January 1, 1962 as follows:
2. The beneficial use on which the claim is based is HOUSEHOLD, GARDENING AND IRRIGATION USES.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Well was dug prior to 1940 and used continuously since then to-date.
4. The rate of use and amount of groundwater claimed is one hundred miners inches (18.7 gallons per second).
5. The annual period of use is from January first of each year to December 31 thereafter, inclusive; a continuous period of annual use.
6. As used for irrigation, the water is used on the residential situs and contiguous lands (less than one acre) of the HAMNER FAMILY RESIDENCE in Rocker Montana.
7. The well has been complete since 1940 and used continuously since then and will continue to be used in the same manner indefinitely in the future.
8. The water is withdrawn from a well located in the northwest area of the HAMNER FAMILY RESIDENCE by an electric pump and system.
9. The well was hand-dug prior to 1940 and used since then. Completion of construction of the well was prior to 1940.
10. The well is hand-dug to a depth of twenty feet having an excavated area approximately four feet wide and is then cased with six inch steel pipe to a depth of forty feet or fifty feet below the surface of the ground.
11. The approximate depth of water table is forty feet, below the surface ground.
12. The estimated amount of groundwater withdrawn each year would be one inch per acre continuous flow for the irrigated acre plus household use of one hundred gallons per date of use.
13. No log of formations is available.
14. Well is located approximately in NE, NE, NW Section 21 T3N 88W.

Signature of owner John Leslie Hamner

STATE OF MONTANA
COUNTY OF SILVER BOW ss

JOHN LESLIE HAMNER having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right above-stated and the foregoing is true of his own knowledge, information and belief.

SUBSCRIBED AND SWORN to before me this 8 day of SEPTEMBER 1970.

Robert Alden
Notary Public, State of Montana

(scd) 47804

7-24-11-1970

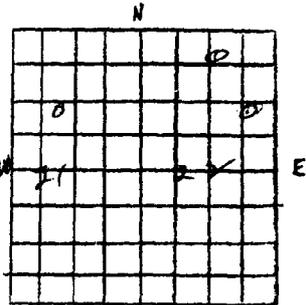
County T 3 R 8 W - 21
Silver Bow 22

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 3 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961) ENGINEER

1. _____, of _____ (name of appropriator) _____ (address) _____ (Town)
County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana Laws in effect prior to Jan. 1, 1962, as follows:



3 1/4 Sec 2, T 3 R 8 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
mining operation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1890
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
20 miner inches
- 5. If used for irrigation, give the acreage & description of the lands to which water has been applied & 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
natural flowing springs
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1890
- 8. The depth of water table
15 ft
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
natural flowing springs in shafts mining claims, Uva, Dams, Lucky, Silver Hill, Poplar, Spring, Snake, Copper, Thomas & Henry, etc.
- 10. The estimated amount of groundwater withdrawn each year
2 million gal
- 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 Co. record

Date _____ Signature of Owner Don W. Metz

STATE OF MONTANA) ss Don W. Metz having first been duly
COUNTY OF SILVER BOW) sworn, depose _____ and say that _____ he _____ of

lawful age and _____ the appropriator _____ and Claimant _____ of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice & that the matters & things therein stated are true.

Subscribed and sworn to before me this 2 day of Jan, 1964
Notary public for the St. of Montana, residing at _____

Commission expires _____
NOTARY PUBLIC for the State of Montana
Residing at Butte, Montana.
My Commission Expires January 14, 1966 21598

251382

I hereby certify that the instrument
was filed at my office on the 24
day of Jan, A. D. 1914
52 minutes past 3 o'clock P.
at my hand:

Margaret Ford

34-8W 21
RECEIVED
JAN 2 1964
STATE ENGINEER

MONTANA

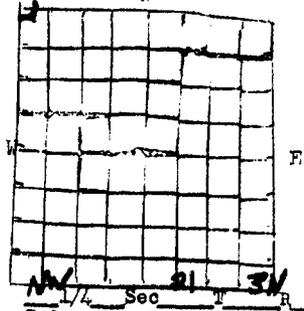
OFFICE OF STATE

OF VESTED GROUNDWATER RIGHTS
Chapter 237, Montana Session Laws 1961

1. WALTER A. RICHTER of ROUTE 1 "ROCKER" BUTTE
(Name) (Address) (Town)

County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana Act in effect prior to January 1, 1962, as follows:

Sec 21



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 HOME, BUSINESS ETARD

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930 - CONTINUOUS USE

4. The amount of groundwater claimed (in million gallons per year) 700 gallons per hour

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 BY MEANS OF PUMP

7. The date of commencement and completion of the construction of the well, wells, or other work 1948 withdrawal of groundwater FRESH WATER 21' SECOND 180'

8. The depth of water table

9. So far as it may be available, the type, size and depth of each well or the general specifications, or any other data for the withdrawal of groundwater 6" PIPE DEPTH 180'

10. The estimated amount of groundwater withdrawn each year 500,000 gal to 750,000 gal

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 Walter Richter

Date Dec 30, 1963

STATE OF MONTANA)
COUNTY OF SILVER BOW) ss Walter Richter having first been duly sworn,
depose and says that he of lawful age and
the appropriator and claimant of the order and water right mentioned in the
foregoing declaration of vested groundwater rights and the person whose name
subscribed thereto as the appropriator and claimant, that he knows
the contents of said foregoing notice and that the matters and things therein stated are
true.

Walter Richter

Subscribed and sworn to before me, this 30th day of December, 1963,
Notary Public for the State of Montana, residing at Butte Montana Commission Expires 2-17-64

GW

WATER CONSERVATION BOARD

NOV 10 1965

MONTANA

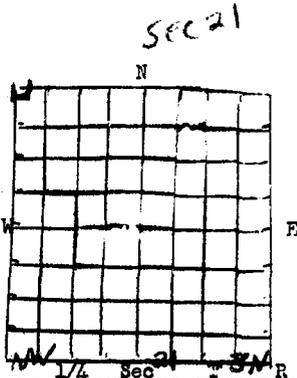
Billie _____ McDermott _____
 Butzerin _____ McNulty _____ OFFICE OF STATE
 Coyle _____ Morton _____
 Darlington _____ Sullivan _____
 Diehart _____

OF VESTED GROUNDWATER RIGHTS

Chapter 237, Montana Session Laws, 1961

1. WALTER A. RICKER, of ROUTE 1 "ROCKER" BUTTE
 (Name) (Address) (Town)

County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana law in effect prior to January 1, 1962, as follows:



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

- The beneficial use or which the claim is based HOME, BUSINESS & YARD
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1950 - CONTINUOUS USE
- The amount of groundwater claimed (in miner's inches or gallons per minute) 700 gallons per hour
- 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 BY JET PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1978

8. The depth of water table FIRST WATER 21' SECOND 180'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" PIPE DEPTH 18'

10. The estimated amount of groundwater withdrawn each year 500,000 gal to 750,000 gal

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 Walter A. Ricker
 Date Dec 30, 1963

STATE OF MONTANA) ss
 COUNTY OF SILVER BOW)
Walter A. Ricker having first been duly sworn, depose and say that he of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are true.

Walter A. Ricker

Subscribed and sworn before me, this 30th day of December, 1963
James E. Turrell Notary Public for the State of Montana, residing in Butte Montana Commission expires 7-17-68
 39798

251230
STATE OF MONTANA
COUNTY OF SILVER HOWE

I hereby certify that the within instrument
was filed at my office on the
day of Dec 1913
at 10:00 o'clock AM
of the year 1913
Witness my hand

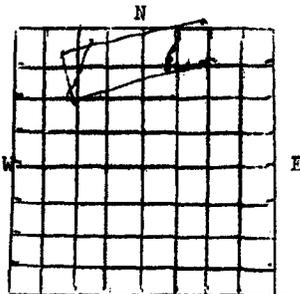
WILLIAM T. DUCKER
County Clerk & A. Recorder
Wm T. Ducker

GW 4

75.00
or
wellT 34 R 8
RECEIVED
JUN 19 1963STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERDECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Lawrence S. Dupuis, of 2700 Reggie Butte Mont
(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:



S 1/4 E Sec 22 T 34 N R 8 W
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based DRINKING + STOCK WATER
3. Date or approximate date of earliest beneficial use; and how continuous the use has been MAY 15 1962
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10" West Portion 20" East Portion
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
8. The depth of water table
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
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 Lawrence S. DupuisDate May 15 1963STATE OF MONTANA)
COUNTY OF SILVER BOW) ss

_____ having first been duly sworn, depose and say that _____ of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this _____ day of _____, 1963

Notary public for the State of Montana, residing at _____ Commission expires _____

26 4687