

614

30-70 19

MONTANA

OFFICE OF STATE

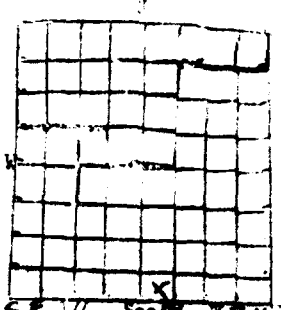
JAN 6 1964

OF VESTED GROUNDWATER RIGHTS
Chapter 237, Montana Session Laws, 1961

STATE ENGINEER

1. Paul B Cooney, of 1546 E Street, Butte.
(Name) (Address) (Town)

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



SE 1/4 Sec 14 T24N R7W
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres. Lot 8 Block I Osley
Addition

2. The beneficial use on which the claim is based House hold
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1960
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 gallon 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 NA

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1960
8. The depth of water table 1 ft - 3 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 60 feet deep 1 1/2 inch pipe
10. The estimated amount of groundwater withdrawn each year 100,000 gals
11. The log of formations encountered in the drilling of each well if available 4 ft 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 Paul B. Cooney
Date JAN 6 1964

I, Paul B. Cooney, having first been duly sworn,
depose that I am the owner of the above described property 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 I know the contents of said foregoing notice and that the matters and things therein stated are true.

Stewart E. Smith

Subscribed and sworn to before me, this 1st day of JAN, 1964.
Notary Public for the State of Montana, residing at Butte, Montana

2569

251462

STATE OF MONTANA }
COUNTY OF SILVER BOW }

I hereby certify that the within instrument
was filed at my office on the 10th
day of June, A. D. 1962.

Attest my hand and seal of office this 10th day of June, A. D. 1962.

WILLIAM T. DICKINSON
County Clerk
[Signature]

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 Montana Highway Comm.

Address Helena, Montana 59601

Date well started May 10, 1971

completed May 17, 1971

Type of well Driveway

Equipment used Clegg Drill

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☒

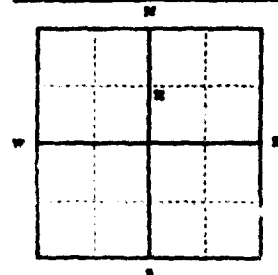
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Well	Type and Depth of Casing	Flow Rate	Static Head	PERFORATIONS		
6" I.D.	Steel 19.00 ft. Per Foot.	2.6' above ground line	50.0'	4" x 2"	17.0' to 42.0'	24.0' to 47.0'



Static water level 34.5' ft.
Pumping water level 29.0' ft.
at 70 gallons per minute,
measured 90 minutes after pumping
began.
*Measured from ground level.
Well developed by 3" pump
for 24 hours.
Power Pump \$ HP
Remarks: (Gravel packing, cementing,
packers, type of shut-off)

Sec. 14, T. 24 N., R. 7 E., S. 19
W

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

Driller's Signature Kenneth R. Hensley

Driller's Address Montana Highway Dept.

LICENSE NO. 208

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) <u>5458</u>		
From (Feet)	To (Feet)	
0.0	3.3	Loose brown fill material
		brown silty gravel.
3.3	17.0	Soft gray clayey sand
		with water.
17.0	28.0	Medium dense brown
		compacted granite.
28.0	42.0	Medium dense gray silty
		sand.
42.0	48.0	Medium dense brown
		granite sand and water.
48.0	50.0	Medium dense brown silty
		sandy sand.
50.0		Bottom of hole in same
		material.

50.0' Show exact depth of bottom

48623

303040
303840

June 16 A

WILLIAM T. HAYES
HAYES

File No.

T. 27 R. 24

TRIPLICATE

MONTANA WATER RESOURCES BOARD
LOG RECEIVED
JUL 17 1968County Silver BowSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1968

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

Coca-Cola, 7-UP

Owner Bottling Company Address Butte, MontanaDriller Keele Drilling Co. Address Butte, MontanaDate of Notice of appropriation of groundwater July 17, 1968Date well started July 8, 1968 Date completed July 9, 1968Type of well drilled Equipment used auger 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.

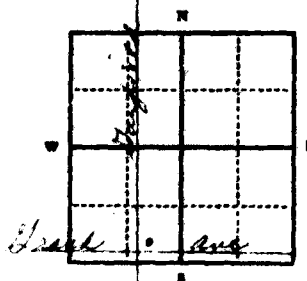
Size of Drilling Rig	Size and Weight of Casing	From Ground	To Feet	FERTILIZATION		
				Kind Size	From Ground	To Feet
6"	5/8" od	0'	90'	setting casing	90'	90'

1'-60' brown clay

60'-65' sand water

65'-85' clay

85'-90' water sand

7/17/68 Sec. 22, T. 27, R. 24
Indicate location of well and
place of use, if possible. Each
small square represents 40
acres.

Helena, Mont. (Continue on reverse side)

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

Show exact depth of bottom.

Static Water Level for non-flowing well

90' feet

Shut-in Pressure for Flowing Well

Pumping Water Level 90' feet

at 90 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested test pumpLength of Test 12 hoursRemarks: (Gravel packing, cementing, pack-
ers, type of shutoff)

2' plug in casing

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, thence copy to be
retained by driller.Please answer all questions. If not applicable, so state, otherwise the form will be
returned.REC-2
Driller's License Number

Driller's Signature

1/4 Sec. 22, T. 27, R. 24

ows

File No.

DUPLICATE

RECEIVED

STATE ENGINEER

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

T. 2N R. 7W, NE 1/4

County Silver Bow

RECEIVED

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 22nd, 1962

Owner Harold Wright and Mary Ann Wright Loomer
Address P.O. Box 1438

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.

spring. Tranny Gulch

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

Animal Use, House Use, no irrigation

(Creek running through land and used two months in summer for irrigation.)

Signature of Owner Harold Wright Loomer
Mary Ann Loomer

Date 1-22-62

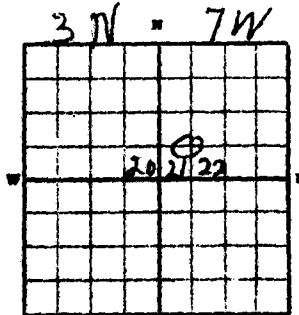
This form to be prepared by contractor (if any), otherwise by the owner.

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.

*Apparently -
spring for domestic use (litter)
surface water not?*
SW



NE 1/4 Sec. 22 T. 5N R. 7W
Indicate point of appropriation and place of use, if possible.

238 917
238 200

STATE OF NEW YORK,
COUNTY OF SULLY, ss.

I hereby certify that the within instrument
was filed at my office on the 22
day of January, 1920.
Attest the Clerk.

By Haydn

STATE WATER CONSERVATION BOARD

GW 3

DEC 12 1966

Approved Stock Form—State Publishing Co., Helena, Montana—42345

File No.

State
 Butte
 County
 Dardine
 Dickert

T. R.

County S. B.

TRIPLICATE

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

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

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

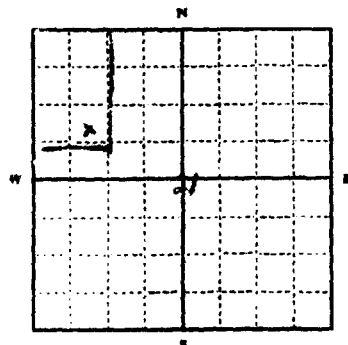
Date of Appropriation of Groundwater Sept 1954

Owner Mr. C. H. H. Address 2430 North Butte

Contractor (if any)

Address of Contractor

Date Started June 1955 Date Completed Aug 1955



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

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

Developed Spring - Truck
with 6 inch casing

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

Pump for domestic use - gravity for irrigation

3) Depth of water table 10'

4) Use of the water Domestic - Irrigation

Stock water

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

6) If used for irrigation, give number of acres and description of
 land 1/4 acre - irrigated

well in the field

7) Estimate amount of water used each year

2,450 gallons

Signature of Owner [Signature]

Date 2/1/66

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.

41,433

STATE WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Boston, Mass., 1938

GW-3

DEC 12 1966

File No.

Birth

Marionett

T.

Bellevue

Marionett

County

Camden

Marionett

Darlington

Marionett

Dickert

Marionett

Notice of Completion of Groundwater Appropriation

Received after January 1, 1968

(Under Chapter 221, Massachusetts General Laws, 1952)

Date of Appropriation of Groundwater

Owner *P. O'Neill*

Contractor (if any)

Address of Contractor

Date Started *June 1965*

1) Describe means of obtaining groundwater (developed spring, drilled, etc.)

developed spring
well - 6" pipe

2) Means of obtaining water (developed spring, etc.)

developed spring

3) Depth of water

16'

4) Amount of groundwater obtained (continuous or intermittent)

5 gallons per

5) If used for irrigation, give number of acres and land

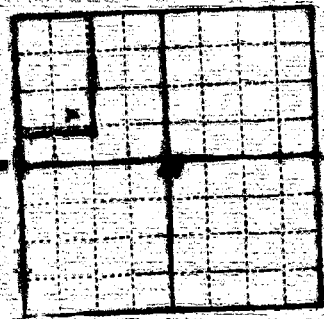
1/4 of 1/4 of 1/4 of 1/4

6) Estimate amount of water used each year

1/4 of 1/4 of 1/4 of 1/4

Signature of Owner

Date



Location of well

X into north center
approximation of
spring location

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 where the works are located.

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

#279775

OFFICE OF THE
ATTORNEY GENERAL

STATE OF NEW YORK

IN SENATE

January 14, 1966

REPORT OF THE

COMMISSIONER OF

THE STATE OF NEW YORK

ON THE

STATE OF NEW YORK

IN SENATE

January 14, 1966

REPORT OF THE

COMMISSIONER OF

THE STATE OF NEW YORK

ON THE

STATE OF NEW YORK

IN SENATE

January 14, 1966

REPORT OF THE

COMMISSIONER OF

THE STATE OF NEW YORK

ON THE

STATE OF NEW YORK

IN SENATE

January 14, 1966

REPORT OF THE

County Silver Bow

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.

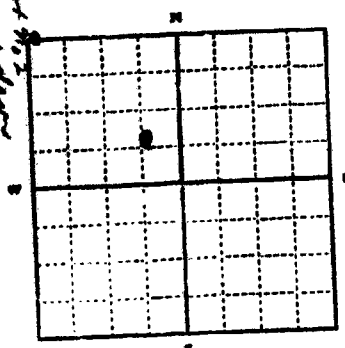
For Administrator's Use

File 319456

June 28, 1973

GW 1 7.56 2.22

at 46.1
V. 3917



S $\frac{1}{4}$ N $\frac{1}{4}$ Sec. 28
T. 3 N R. 7 E
S W

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

Owner Harold L. Colton
Address 3640 Main
Contractor (if any) _____
Address of Contractor _____
Date Started _____ Date Completed _____

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

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

3. Depth of water table 3' feet

4. Use of the water stock

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 3 gal per min

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

7. Estimate amount of water used each year

8. Months of year spring flows 12 months

Signature of Owner Harold L. Colton
Date 6/28/73

312-44

STATE OF MONTANA,
COUNTY OF BLAINE NOW.

I hereby certify that the within instrument
was filed at my office on the _____
day of _____, 19____.

Notary Public in and for the State of Montana.

Notary Public

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 Harold L. Colton

Address

Butte, Montana

Date well started June 27, 1972

completed June 28, 1972

For Administrator's Use

File 312295

August 12, 1972 9:25 a.m.

GW 1

Type of well Drilled

(Dig, driven, bored or drilled)

Equipment used Rotary

(Cable drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

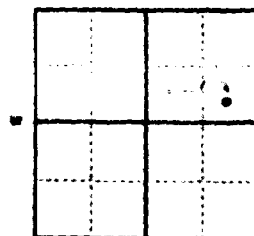
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

*Describe

Well: 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 4,730,400

Well No.	Depth of Well	Static Water Level	Pumping Water Level	Flow Rate	Remarks
6"	6 1/2" od x .250	42'			
	FVC200 x 1 1/2" od	19'	224'	outlet 154'	194'



Static water level 125' ft.
Pumping water level 125' ft.
at 25 gallons per minute
measured minutes after pumping
began.

*Measured from ground level.
Well developed by compressor
for 10 hours.

Power 2 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'Beefe Contracting Company

Driller's Address 2004 Harvard Ave.

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

(Show above sea level)

From (Feet)	To (Feet)	
0'	40'	Over burden - clay-gravel
40'	154'	Decomposed granite
154'	224'	Decomposed granite
224'	224'	Gravelly water
224'	224'	Gravel (Hard)
224'	224'	Decomposed granite - clay
224'	224'	Water

224' Show exact depth of bottom

5/178

312795

STATE OF MONTANA }
COUNTY OF SILVER BOY. } ss.
I hereby certify that the within instrument
was filed at my office on the 17
day of April, A. D. 1922, of
the 15 minutes past four o'clock P. M.
Signed at Great Falls:
Wm. E. Smith
County Clerk.

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 Tom Penroy

Address **2125 Willow**

Butte, Mont. 59,01

Date well started 10/17/72

completed 10/19/72

Type of well Drilled

(Day, driven, bored or drilled)

Equipment used rotary

(China drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

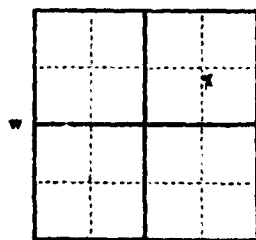
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***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

Hole No.	Hole Name	True Depth	To Top	PERFORATIONS		
				Hole No.	True Depth	To Top
6	6 1/2"	24' +1	20'			
7	2000 PVC PLASTIC	14'	204'	SHILL Saw	174'	204'



Static water level 127 ft.
Pumping water level 147 ft.
at 25 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.
Well developed by ~~crack repair~~
for hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

SF ¼ NE ¼ Sec. 28

1. 3 (NR) 7 E

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

Driller's Signature O'Keefe Contracting Company

Driller's Address 2004 Harvard Avenue

Butte, Montana 59701

LICENSE NO. 19

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

(May, above sea level)

[illegible]

204' Show exact depth of bottom

317257

STATE OF MONTANA }
COUNTY OF SILVER BOW. }

I, Hazel E. McOyle, County Clerk and Recorder
of said County, do hereby certify that the attached
instrument is a true, true and correct copy of the
original instrument as filed for record in my office
on the 22 day of Mar, 1974
at the City and the Seat of said Silver Bow
County, Montana, this 22 day of Mar, 1974

HAZEL E. McOYLE

County Clerk and Recorder

By James J. Jorgensen 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 Jim Pabaska

Address Continental Drive

Butte, Montana 59701

Date well started 5/5/73

completed 5/5/73

Type of well Drilled

Equipment used Pottery Drill

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

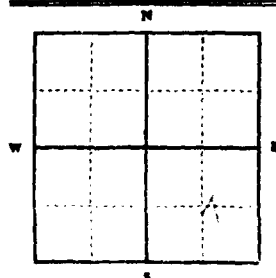
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Pump	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
6"	6 3/8" od N .250	0'	80'	Kind Size	From (Feet)	To (Feet)
	300 PVC PLASTIC	40'	140'	Open End	120'	140'



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

Driller's Signature

Driller's Address

Butte, Montana 59701

O'Keefe Contracting Company

2804 Harvard Avenue

LICENSE NO.

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'	20'	Decomposed granite
20'	40'	Granite, hard
40'	60'	Decomposed granite, caving material
60'	120'	Granite - hard
120'	130'	Granite, soft Water 10' down
130'	135'	Granite
135'	140'	Soft granite 10' down

140'

Show exact depth of bottom

319442

STATE OF MONTANA }
COUNTY OF SHELBY, D.C.W. } ss.
I hereby certify that the within instrument
was filed at my office on the 27
day of June 1906 at 2:30
p.m. and is duly recorded.

WILLIAM V. MOORE
County Clerk
[Signature]

GV

File No.

DUPLICATE

T. 3N R. 7W - 28
County Silver Bow

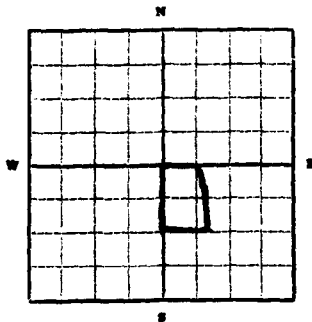
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Joseph R. BASAR of Box 114, 9 Mile Road, 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:



SE 1/4 Sec. 28, T. 3N, R. 7W

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

2. The beneficial use on which the claim is based DOMESTIC AND WATER FOR STOCK
3. Date or approximate date of earliest beneficial use; and how continuous the use has been EIGHT YEARS
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 MIN. INCHES
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 3 ACRES PASTURE + GARDEN
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal SPRINGS AT GRAVITY FLOW
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater FOR DOMESTIC USE ONE WELL IN BOX 114, 9 MILE ROAD, BUTTE, MONTANA. 3" PIPE RUN OFF AT TOP OF DAM.
8. The depth of water table BASE ROCK
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 SPRINGS GRAVITY FLOW
10. The estimated amount of groundwater withdrawn each year 10 MIN. INCHES
11. The log of formations encountered in the drilling of each well if available SPRINGS
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 Joseph R. Basar

Date Jan 30 1962

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

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

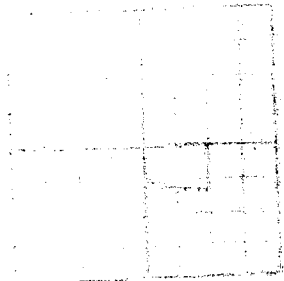
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

1302

#238301

Jan 30 62
11:00 A.M.

W. H. Hays
Hays and Sons



RECEIVED
JAN 30 1962
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

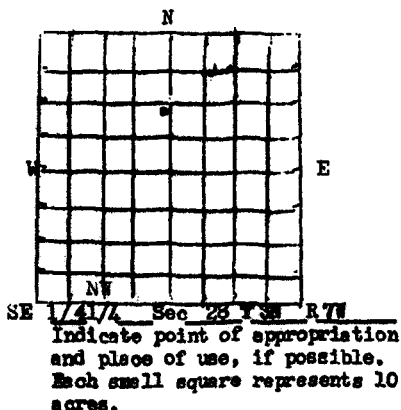
T 3 N R 7 W
County Silver Bow

RECEIVED
JUN 19 1963

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

STATE ENGINEER

1. IRENE MC KERNAN, of Route #1, Box # 3, 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:



2. The beneficial use on which the claim is based Home use (drinking) etc
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 10/5/63 daily use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 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 no
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 started 10/5/62 ended 10/11/62
8. The depth of water table 18 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 6 inch casing, total depth of well 38.6 feet
10. The estimated amount of groundwater withdrawn each year 52,340
11. The log of formations encountered in the drilling of each well if available 4 inches light dark sandy silt, at 10 feet dense silty sand, at 13.6 feet 1st water, @ 18 water strata, 23.6 ft brown granite sand, @ 25.0 ft water, @ 29.6 ft decomps hard granite, and at end of hard granite.
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 making application for new well, check with state highway dept for other information on well they have records of this

Signature of Owner Irene McKernan

Date 7/1/63

STATE OF MONTANA
COUNTY OF SILVER BOW

Irene McKernan having first been duly sworn, depose and say that 5 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 knew the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this 20 day of May, 1963

Notary public for the State of Montana, residing at Butte, Montana

244 364
344 364

STATE OF MONTANA
COUNTY OF SILVER BOW

I hereby certify that the within instrument

10 / *[Signature]* 1965
is past *[Signature]* Clerk

WILLIAM F. DICKMAN
County Clerk and Ex.

[Signature]

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 3 R. 7
County Silver Bow

WATER WELL LOG

Owner Anton S. Melka Address 3601 Burlington St.
Rt. 1 Box 55
229 E. Orr
Dillon, Mont.
Driller Carl Hollensteiner Address
Date Started 19 March 1957 Date Completed 21, March 1957
Location: Sec. 2 T. 3 N. R. 7 1/4 sec. plot 1 of S.E. 1/4 of Sec. 28

Type of well Drilled (Dig, driven, bored, or drilled) Equipment used Churn Drill (Churn drill, rotary, other)
Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other:
Casing: Pipe 100 ft. to ft. Type Iron Pipe Size 6 inches.
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size
Perforated or Screened: Ft. plain to ft. Ft. to ft.
Type of screen or perforations
Static Water level, for non-flowing well: 40 ft. feet.
Shut-in pressure, for flowing well: none lb./sq. in. on: (date)
Pumping water level 35 ft. feet at 5 Gal. Per Min. gal. per min.
How tested: Submersible Pump.
Length of test 3 Hr.
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Gravel

(over)

[illegible]

279227

1

22

6

Maryann Price

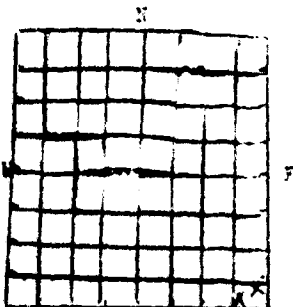
MONTANA

OFFICE OF STATE

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

STATE ENGINEER

1. Mrs. Mary Stinson, of Box 946 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:



SE 1/4 Sec 31 T14N R7W
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is
based Residential
3. Date or approximate date of earliest bene-
ficial use; and how continuous the use has
been 1918 - Continous
4. The amount of groundwater claimed (in
miner's inches or gallons per minute)
19 gal. per minute
5. If used for irrigation, give the acreage
and description of the lands to which
water has been applied and name of the
owner thereof
Home yard - and land
of Mrs. Stinson
6. The means of withdrawing such water from
the ground and the location of each well
or other means of withdrawal
Spring - Vacuum Pump - 10' Well
in back yard

7. The date of commencement and completion of the construction of the well, wells, or
other works for withdrawal of groundwater
1955 - Built Well
8. The depth of water table 4' from surface (Spring) - 8' Well
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
dry well - 9' diameter - 12' deep - bucket hoist
10. The estimated amount of groundwater withdrawn each year 525,600
11. The log of formations encountered in the drilling of each well if available
sand - clay
12. Such other information of a similar nature as may be useful in carrying out the policy
of this act, including reference to back and page of any county record
Deputy State Engineer pp 311 - Book 157 of Records

Signature of Owner Mrs. Stinson

Date _____

STATE OF MONTANA) ss
COUNTY OF SILVER BOW)

do hereby certify that _____ having first been duly sworn,
do hereby certify that _____ of lawful age and
the appropriator and claimant of the 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 JAN 6 1964

Notary public for the State of Montana, residing at _____

NOTARY PUBLIC for the State of Montana

My commission expires January 14, 1964

Commission expires _____

3469

251513

CITY OF MONTANA }
COUNTY OF SILVER BOW. }

I hereby certify that the within instrument
was filed at my office on the 8
day of June A. D. 1916
minutes past 12 o'clock
of the said day.

WILLIAM W. BROWN
County Clerk
Wm W. Brown

T. _____ R. _____

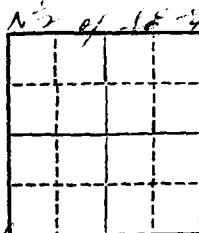
County Silver Bow

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 17 1940

WATER WELL LOG

STATE ENGINEER



Owner Earl Friend Address 21 Central Drive
Butte Montana

Driller C. J. Webb Address 30 E. 170
Anaconda Montana

Date Started May 12 1940 Date Completed May 12 1940

Location: Sec. _____ T. _____ R. _____ 1/4 sec. _____

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: Surface ft. to 22 ft. Type standard Size 8"

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

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

Perforated or Screened: Ft. 42' to ft. 22' Ft. _____ to ft. _____

Type of screen or perforations 1/8" mesh plate

Static Water level, for non-flowing well: 35 feet

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

Pumping water level 42' feet at 20 gal per min.

How tested: bailed

Length of test 1 1/2 hours

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

12" of tight packed gravel in bottom of casing to close of fine
sands.

(over)

Log of Well

[illegible]

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 **Lawson, Howard**

Address **3463 Banks**

Butte, Montana 59701

Date well started April 28, 1961

completed same

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used **Churn Drill**

(Crown drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

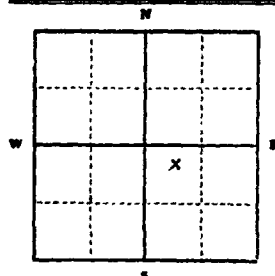
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***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

Size of Bit and Size	Size and Weight of Coupler	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" od x .250	0'	52'	cutting torch	47'	52'



Static water level 32' ft.
Pumping water level 29' ft.
at 25 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.

Well developed by balling

for hours.

Power..... Pump..... HP

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

NW 1/4 SE 1/4 Sec. 29

T. J. OR. 7. E

Lot 22 BIRB Home Acre
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature **O'Keefe Drilling Company**

Driller's Address **2804 Harvard Ave.**

Butte, Montana 59701

LICENSE NO.....

DRILLER'S LOG

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

Top of Ground

(Elev. above sea level)

[illegible]

52' Show exact depth of bottom

48207

299143

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

I hereby certify that the within instrument
was filed at my office on the 14
day of Sept A.D. 1920
12 minutes past 12 o'clock.

Attest my hand:
WILLIAM T. BUCKHALL,
County Clerk and Recorder.
William T. Buckhall

File No.

R **R E C E I V E** **D**
 AUG 18 1965

T. R.

QUADRUPLICATE

RETURNED TO

County Silver
 State of Montana

LOG

 STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

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

(Under Chapter 237, Montana Session Laws, 1961)

 0 to 45 feet
 sand with clay base

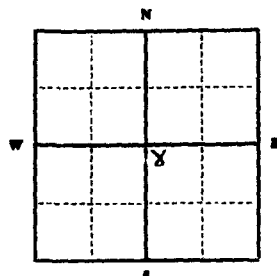
 45 to 52 feet
 sand and water
Owner Edward Wilson Address Butte, MontanaDriller Edward R. Kuyper Address Butte, Montana

Date of Notice of appropriation of groundwater

Date well started April 23, 1965 Date completed April 28, 1965Type 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)	PREPARATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 16'	0	52	casing bored	47	52

Static Water Level for non-flowing well 32 feet

Shut-in Pressure for Flowing Well

Pumping Water Level 25 feetat 35 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested pump and boilerLength of Test 10 hours

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

 SE 1/4 Sec. 29 T. 3N R. 7W
 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).

32 feet

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 8

Driller's Signature

39443

263509

STATE OF MONTANA
COUNTY OF SILVER BOW.

I hereby certify that the within instrument
was filed at my office on this _____ day of _____
A.D. 19____ at _____
My commission expires _____
Attest my hand
WILLIAM B. FULTON
County Clerk and Ex-Officio

RECORDED
INDEXED
JAN 1 1907
263

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 John Newman V. D.

Address **2604 Evans**

Butte, Montana

Date well started April 17,

completed May 20, 1970

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used churn drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

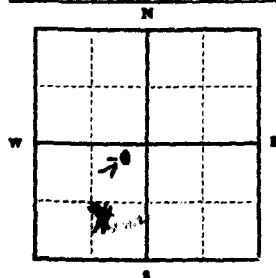
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

***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 Coupling	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8"	0'	78'	stainless steel screen		
	17.029				78'	83'
	5" id	83'	95'			



Static water level 3'.....ft.*
Pumping water level 75'.....ft.*
at 22.....gallons per minute,
measuredminutes after pumping
began.

*Measured from ground level.

Well developed by ~~compressor~~
for 7 hours.

Power..... Pump..... HP

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

..... 3/4 1/4 Soc..... 1/4

T. 2, N R. 7

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

Driller's Signature O'Keefe Drilling Company

Driller's Address 2804 Harvard Ave. Butte, Montana

LICENSE NO.

DRILLER'S LOG

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

Top of Ground

(Elev. above sea level)

[illegible]

05' Show exact depth of bottom

47357

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 John Newman N. D.

Address 2604 Evans

Butte, Montana

Date well started April 17,

completed May 20, 1970

Type of well Drilled

Equipment used Shank drill

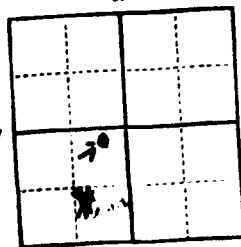
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

From (ft.)	To (ft.)	From (ft.)	To (ft.)	From (ft.)	To (ft.)
0'	5 5/8'	0'	78'	78'	83'
	17.020				
	5 1d	83'	95'		



Static water level 2' ft.
Pumping water level 25' ft.
at 22 gallons per minute
measured minutes after pumping
began.
*Measured from ground level.
Well developed by compressor
for 7 hours.
Power Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

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

Driller's Signature O'Keefe Drilling Company

Driller's Address 2604 Harvard Ave. Butte, Montana

LICENSE NO. 8

County Silver Bow

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (ft.)	To (ft.)	
0'	2'	top soil
2'	28'	sandy clay
28'	30'	clay
30'	42'	fine water sand
42'	65'	sandy clay
65'	67'	water sand
67'	95'	bearing sand

25' Show exact depth of bottom

47857

File No.

MONTANA WATER RESOURCES BOARD
RECEIVED

T. 3N R. 7W

QUADRUPLICATE

County Silver Bow

100

DEC 22 1969

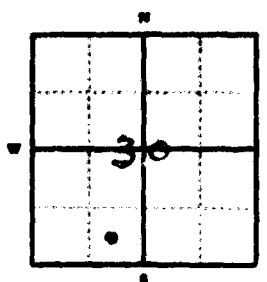
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**Notice of Completion of Groundwater
Appropriation by Means of Well**
DEVELOPED AFTER JANUARY 1, 1960

(Under Chapter 237, Montana Session Laws, 1961)

Owner CITY OF BUTTE Address BUTTE, MONTANADrilled by Donso Drilling Co. Address Butte, MontanaDate of Notice of appropriation of groundwater Aug. 26, 1969Date well started Aug. 26, 1966 Date completed Aug. 26, 1966Type of well drilled Equipment used drill
(Dig, Drive, bored or drilled) (Cable 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 Water Pipe	Size and Weight of Casing	From Ground	To Depth	Elevation		
				Well Top	Water Level	To Ground
6"	17 1/2"	0'	80'	770'	770'	770'

Static Water Level for non-flowing well 770'

Shot-in Pressure for Flowing Well _____

Pumping Water Level _____
at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested backlogLength of Test 4 hoursRemarks: (Gravel packing, cementing, pack-
ers, type of shaft) _____SW 1/4 Sec 24 T. 3N R. 7W
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., Lat, Block and Ad-
dition).USED FOR SPRINKLING GRASS AT
MONTANA GOLF COURSE

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, these copies 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

294825

Dec 40 1569

Walter W. Allen

File No.

T. 3N R. 7W

TRIPPLICATE

MONTANA WATER RESOURCES BOARD

County Silver Bow

LOG

RECEIVED

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

SEP 19 1969

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1969

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level.....)

0-15 dry sand

15-27 sandy clay

27-45 medium sand
(water)

45-50 sandy clay

50-62 medium sand
(clean water)

62-65 clay

65-67 yellow sand
some clay
(water)

67-94 sandy clay

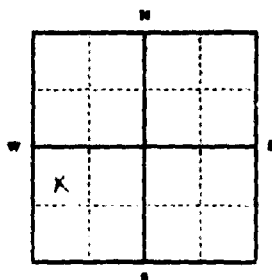
94-105 Medium to fine s
and, some pe
gravel (water)

105-114 clay

Owner City Swimming Pool Address Butte, MontanaDriller O. R. R. Drilling Co. Address Butte, MontanaDate of Notice of appropriation of groundwater July 28, 1969Date well started May 3, 1969 Date completed May 9, 1969Type of well 4" drill Equipment used Churn drill, rotaryWater 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 Well	Size and Weight of Casing	From Feet	To Feet	TEMPERATURE		
				Kind Size	From Feet	To Feet
4"	1.5 17 lb.	0'	95'	NONE		

Static Water Level for non-flowing well 15 feet

Shut-in Pressure for Flowing Well

Pumping Water Level 23 feet
at 100 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested

Length of Test

Remarks: (Gravel packing, cementing, pack-
ers, type of shutoff) Set 4" screen

3' with 10' sand pipe on
bottom, with 4' blank on top.
Screen set 94' to 105'

N.W. 1/4 Sec. 36, T. 3N, R. 7W
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, three 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

45651

293514

STATE OF MONTANA
COUNTY OF SILVER BOULDER

I hereby certify that the within instrument was filed in my office on the _____ day of _____

at _____

Witness my hand and seal this _____ day of _____
Notary Public

File No.

STATE WATER CONSERVATION BOARD

T. 3N R 7W
County Silver Bow

TRIPLICATE

DEC 22 1966

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

LOG

Top of Ground

(Elev. above sea level.....)

0-3 top s 11
3-7 black dirt & gravel
7-23 heavy sand
23-32 fine sand
32-38 medium heavy sand
38-42 grey coarse sand
water

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner John May Address Butte, MontanaDriller O'Keefe Drilling Address Butte, Montana

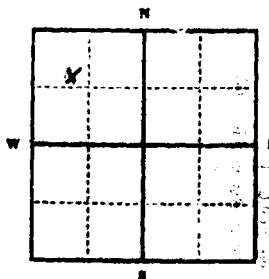
Date of Notice of appropriation of groundwater.....

Date well started May 6, 1966 Date completed Oct. 7, 1966Type of well drilled Equipment used Crown Drill
(Dug, driven, bored or drilled) (Crown 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 Bored Hole	Size and Weight of Casing	From Feet	To Feet	PERFORATIONS		
				Kind Size	From Feet	To Feet
6"	6" I.D. 17 lb.	0	42	Screen	38	39

Static Water Level for non-flowing well 38 feet.

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

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

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

How Tested hularLength of Test 2 hrs.Remarks: (Gravel packing, cementing, pack-
ers, type of shutoff).....

R 1/4 Sec 30 T 3N R 7W
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.

18
Driller's License Number

John May
Driller's Signature.

4/10/74

293-295
STATE OF MONTANA
COUNTY OF SILVER BURDEAU

I hereby certify that the within instrument
was filed at my office on the
day of Dec 8 D. 1966
55 minutes past 3 o'clock

Attest my hand

WILLIAM T. DUFF

MONTANA

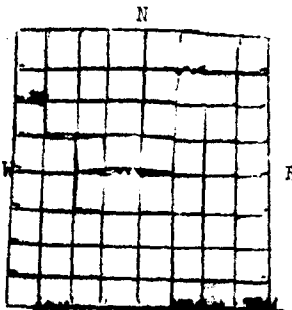
OFFICE OF STATE

OF VESTED GROUNDWATER RIGHT
Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Russel D. McLean, of Timmons, 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.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1944 - ANNUAL

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 34 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. 74 ACRES. GARDEN

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 1 DRAINAGE PUMP 1917. DUG WELL. 1944

8. The depth of water table 6 FT.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DUG WELL 80' DEEP. 14' CASING. DUG WELL 12' DEEP

10. The estimated amount of groundwater withdrawn each year 180,000 GALLONS

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

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

Russel D. McLean

Date:

12-28-63

STATE OF MONTANA) ss
COUNTY OF SILVER BOW)

Russel D. McLean 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.

Subscribed and sworn to before me, this 30 day of Dec, 1963

Notary public for the State of Montana, residing at

Commission Expires

251178
STATE OF MONTANA
COUNTY OF SILVER BURDEAU

I hereby certify that the within instrument
was filed at my office on the _____ day of _____
at _____ Montana.

Attest my hand
WILLIAM F. BUCHANAN
County Clerk of Silver Burdeau

T 3 N R 7 W

County Silver Bow

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)

Driller _____ Address _____

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

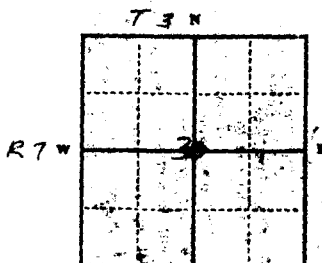
Date well started.....Date completed.....

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

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 Casting	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)



Static Water Level for non-flowing well _____ feet

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

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

Discharge in gal. per min. of flowing well

How Tested.....

Length of Test.....

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

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

..(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature.

45,347

288674

STATE OF MONTANA
COUNTY OF SILVER BURDEAU

I hereby certify that the within instrument
was filed at my office on the 26th day of
July 1924 at 11:30 A. M. of
A.M. in my office.

WILLIAM F. DICKMAN
County Clerk

Wm F Dickman

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 Opal L. Blank

Address 1411 Browning

Batt, Montana

Date well started August 3, 1971

completed same

For Administrator's Use

File 305333
August 25, 1971
10:33 AM

Type of well Driller

(Dig, driven, bored or drilled)

Equipment used China Drill

(China drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

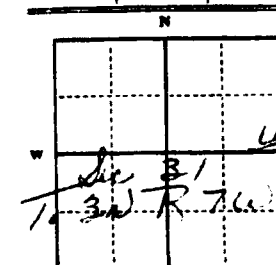
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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 Pump	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6"	6 5/8" od x .230	2' to	24'	cutting brush 30' 35'



Static water level 20' ft.
Pumping water level 40' ft.
at 10 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.

Well developed by bailing

for 12 hours.

Power HP 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 Alan Nelson

Driller's Address 2804 Harvard Ave.

Batt, Montana 59701 LICENSE NO. 8

County Silver

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'	well pit
6'	24'	cutting well
24'	43'	sand some shale
43'	50'	sand clay
50'	55'	sand water

55' Show exact depth of bottom

49262

STANDARD TEMPLATES OF LETTERS AND MEMORANDA OF CONCERN WITH FORMS FOR THE RECORD

ESTIMATED ANNUAL WITHDRAWAL

Date of Drilling and Depth		Kind and Weight of Casing	Depth Feet	Time Spent in Feet	Remarks
6"	5 5/8" OD K. 250	4 1/2" ID K. 250	50'	55'	3' from bottom of casing
<p>Static water level 38' ft. a.s.</p> <p>Pumping water level 40' ft. a.s.</p> <p>at 10 gallons per minute.</p> <p>measured minutes after pumping began.</p> <p>*Measured from ground level.</p>					

1997

37 Aug 1900 25
Hazel Miller

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.

OCT 21 1973

***Developed after January 1, 1962**

(Under Chapter 227 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.

April 5, 1965

Address 1411 Browning

Butt. a. Montana

Date well started AUGUST 5, 1974

completed 1.2.200

Type of well Driller

(Orig, deleted, moved or deleted)

Equipment used Cobra Drill

CHINA CELL ENERGY is seeking

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

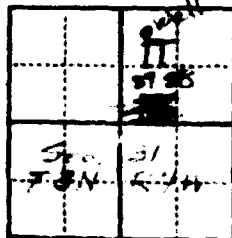
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

• 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

TIME	WIND	SEA	TEMPERATURE
6	5/8" @ R 230	4-5 SHIP 6-8 SEAS	30° 35°



Static water level 10' ft.
Pumping water level 40' ft.
..... 20 gallons per minute
measured minutes after pumping
began.

*Measured from ground level

Well developed by balling

for 14 hours.

Power

Remarks: (Gravel nesting, extensive)

others, type of shutoff

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

O'Leary Contracting Company

Driller's Signature *Ken Nelson*

Officer's Address 2806 Harvard Ave.

Index Number 89791

NUMBER NO. 0

Show exact depth of bottom

NW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Sec. 31

T-3N R-7W

MONTANA STATE LAND SURVEY
RECEIVED
DEC 1 1971

MONTANA

RECEIVED
JAN 2 1962

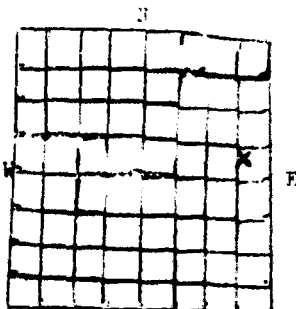
STATE ENGINEER

OFFICE OF STATE

OF VESTED GROUNDWATER RIGHTS

Chapter 237, Montana Session Laws, 1961)

1. DONALD R. BRANYORD, of 1502 SAMPSON BUTTE
 (Name) (Address) (Town)
 County of Silver, State of Montana, have appropriated groundwater according to
 the Montana law in effect prior to January 1, 1962, as follows:



1/10 Sec 31, T 3 R 7 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 RESIDENTIAL
3. Date or approximate date of earliest beneficial use; and how continuous the use has been _____
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 11.33 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 RESIDENTIAL
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 _____
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

Date

STATE OF MONTANA
COUNTY OF SILVER (COW)

Donald R. Branyord having first been duly sworn,
 depose and say that he is of legal 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.

NOTARY PUBLIC for the State of Montana

Residing at Butte, Montana

My Commission Expires January 24, 1965

Subscribed and sworn to before me, this 31 day of January, 1962.

I, _____, Notary Public for the State of Montana, residing at _____, do hereby certify that _____

1844

251284

STATE OF MONTANA
COUNTY OF SILVER BOW

I hereby certify that the within instrument
was filed at my office on the 21
day of April A. D. 1939
at Butte Montana
and its contents are correct.

Margaret Pond

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 **Bob Clark**

Address **1458 Longfellow**

Butte, Montana

Date well started **August 4, 1971** GW 1

completed **same**

Type of well **Drilled**

(Dig, driven, bored or drilled)

Equipment used **Chain Drill**

(Chain drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

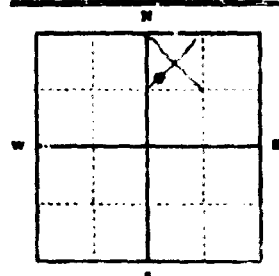
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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 Well	Size and Depth of Casing	Flow Rate	To Open	PERFORATIONS	Flow Rate	To Open
6"	8 1/8" cas 2' .250	2' cas	60	cutting casing 52'	52'	50'



Static water level **28** ft.
Pumping water level **22** ft.
at **20** gallons per minute
measured minutes after pumping
began.
*Measured from ground level.
Well developed by **balling**
for **14** hours.
Power Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

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

Driller's Signature **O'Neale Construction Company**

Driller's Address **2804 Harvard Ave.**

Butte, Montana

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'	25'
25'	45'
45'	54'
54'	59'

Show exact depth of bottom

305348

UNITED STATES
DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535
MEMORANDUM FOR THE DIRECTOR
SUBJECT: [illegible]
DATE: Aug 15 1974
BY: [illegible]
[illegible signature]

File No.

STATE WATER CONSERVATION BOARD

T. R.

QUADREPLICATE

LOG

DEC 12 1966

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: M. Crook Address: ...

Driller: ... Address: ...

Date of Notice of appropriation of groundwater:

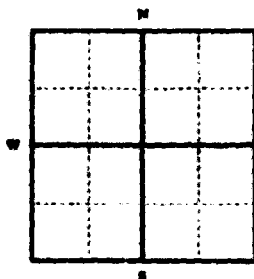
Date well started: ... Date completed: ...

Type of well: ... Equipment used: ...
(Aug. 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 Bored Hole	Size and Weight of Casing	From Ground	To Depth	TEMPERATURE		
				At the Well	From Depth	To Depth
6"	17 lb.	0	6'	72.0	60	75



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____ feet.

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

Discharge in gal. per min. of flowing well _____

How Tested: ...

Length of Test: ...

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

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

Lot 5, 6, 7, 8, 9, 10, 11, Block 18
... (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).

Show exact depth of bottom.

This form is 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 copies to be
retained by driller.

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

Driller's License Number:

...
Driller's Signature

411725

272935

NOTED BY MEMORANDUM
NOTED BY MEMORANDUM
I hereby certify that the within
was filed at my office on the
day of 31 Aug 1946

Stanley M. Miller

T. 3N R. 2W
County S. Hill

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1960

WATER WELL LOG

STATE ENGINEER

Owner John G. Davidson, M. B. Address 1830 Holmes Ave.
Driller Price & Lindsay Address Clancy, Montana
Date Started May 27, 1960 Date Completed May 31, 1960
Location: Sec. _____ T. _____ R. _____ $\frac{1}{4}$ sec. _____

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

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

Casing: 6 in. ft. to 60 ft. Type _____ Size _____

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

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

Perforated or Screened: Ft. 30 to ft. 50 Ft. _____ to ft. _____

Type of screen or perforations ?

Static Water level, for non-flowing well: 30 feet.

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

Pumping water level 45 feet at 15-20 gal. per min.

How tested: _____

Length of test ?

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

15-20 gal. per min. 45 ft.

(over)

[illegible]

4336498
25 101 15 67
Morgan, 1000
1000

GW 4

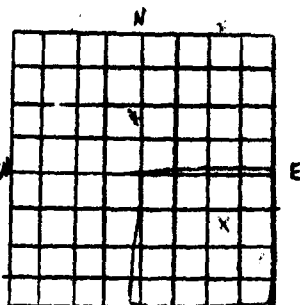
County T 3 N R 7 W
SILVER BOWSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERDoc. No. 299523
Filed for record
this 13 day of Oct
A. D. 19 70, at 2:43
o'clock P. M.

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. MICHAEL A DRONIA of RFD 1 Box 3085 Butte, MT
(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:

SE 1/4 Sec 31 T 3 N R 7 WIndicate 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 WATER3. Date or approximate date of earliest beneficial use; and how continuous the use has
been 1940 - REOPENED JULY 19574. The amount of groundwater claimed (in
miner's inches or gallons per minute)30 GALLONS PER MINUTE5. If used for irrigation, give the acreage
& description of the lands to which water
has been applied & name of the owner thereof6. The means of withdrawing such water from
the ground and the location of each well or
other means of withdrawalELECTRIC PUMP - BASEMENT7. The date of commencement and completion of the construction of the well, wells,
or other works for withdrawal of groundwater1940 - OLD WELL - REOPENED - PUMP INSTALLED JULY 19578. The depth of water table 28 FEET9. 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 groundwater6" STEEL CASING - 46 FEET DEEP - DRILLED WELL

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of WELL AVAILABLEFINE CLAY SAND AND PEBBLES - FOUR
FEET INTERVALS12. 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. recordNO RECORDDate 11/1/70Signature of Owner M A DroniaSTATE OF MONTANA) ss
COUNTY OF SILVER BOW)having first been duly
sworn, depose and say that he oflawful age and 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 13 day of October, 19 70
Notary public for the St. of Montana, residing at ButteCommission expires Dec 20 1972

48219

299523

ER BOW. } ss.

within instrum

13 Oct 20 1972

Therget M...