

County Salt Lake State Utah

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED

NOTICE OF COMPLETION OF CONSTRUCTION
APPROPRIATION BY FLEETS OFFICIALS DEPA
REQUIREMENTS A

DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

Developed after January 1, 1962

(Under Chapter 207 Maritime Commerce Laws, 1961, as amended)

This form to be prepared by owner, 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 owner.
Please answer all questions. If not applicable, so state. Otherwise the form may be returned.

Owner Mr. Paul Samba

Address

Date well started 10-19-71

completed 6-22-79

Type of well **Re-filled**

Equipment used **GMAR 1242**

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

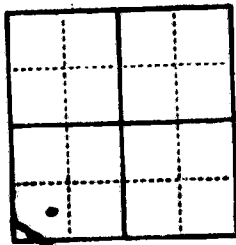
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

• 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

DATE	TIME	LAT	LONG	OBSERVATIONS	
				WIND	SEA
6	2 30 PM	192/200	99	10'	04
				002210	04
				002210	04



Static water level 28.75 ft.
Pumping water level 28.75 ft.
at gallons per minute,
measured minutes after pumping
began.

*Measured from ground level

Well developed by

for **100%**

Remarks: (Ground-pitching, cementing
peckers, type of thutoff)

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

Driller's Signature O'Keefe Contracting Company
1104 Madison Ave.

Driver's Address
Butte, Montana 59701

LICENSE NO. 8 10

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		Bottom	
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

97' Show exact depth of bottom

53,486

319649

STATE OF MONTANA }
COUNTY OF SILVER BOW. } ss.
I, the undersigned, do hereby certify that the within instrument is a true and correct copy of the original as the same appears from the records of the County Clerk of said County.
WITNESSED my hand and the seal of said County at the City of Helena, Montana, this 18th day of May, A. D. 1923.
JAMES E. MOSE,
County Clerk - SILVER BOW.

County SALTWATER

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 BARBARA BELL

Address 200 W. 10TH ST. SALTWATER, MONT.

Date well started FEB. 25, 1972 GW 1

completed FEB. 27, 1972

Type of well WATER

(Dig, driven, bored or drilled)

Equipment used DRILL

(Cable drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

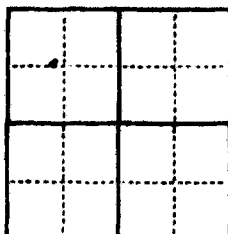
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 1,000,000 GALS.

WELL NO.	DATE OF COMING	DRAIN	PUMP	TEMPERATURE		
				WELL	SOIL	AIR
1	2/25/72	20	20	40	75	75



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

*Measured from ground level.

Well developed by 20 hours.

Power 2 Pump HP

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

Sec. 31
T. 2 N. R. 7 W.

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

Driller's Signature Martin J. Bann

Driller's Address 200 W. 10TH ST. SALTWATER, MONT.

DATE FEB. 27, 1972

LICENSE NO. 20

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 datum <u>2000</u>)
From (Feet)	To (Feet)	
0	20	SAND & GRAVEL
20	40	SAND & GRAVEL
40	60	SAND & GRAVEL
60	80	SAND & GRAVEL
80	100	SAND & GRAVEL
100	120	SAND & GRAVEL
120	140	SAND & GRAVEL
140	160	SAND & GRAVEL
160	180	SAND & GRAVEL
180	200	SAND & GRAVEL
200	220	SAND & GRAVEL
220	240	SAND & GRAVEL
240	260	SAND & GRAVEL
260	280	SAND & GRAVEL
280	300	SAND & GRAVEL
300	320	SAND & GRAVEL
320	340	SAND & GRAVEL
340	360	SAND & GRAVEL
360	380	SAND & GRAVEL
380	400	SAND & GRAVEL
400	420	SAND & GRAVEL
420	440	SAND & GRAVEL
440	460	SAND & GRAVEL
460	480	SAND & GRAVEL
480	500	SAND & GRAVEL
500	520	SAND & GRAVEL
520	540	SAND & GRAVEL
540	560	SAND & GRAVEL
560	580	SAND & GRAVEL
580	600	SAND & GRAVEL
600	620	SAND & GRAVEL
620	640	SAND & GRAVEL
640	660	SAND & GRAVEL
660	680	SAND & GRAVEL
680	700	SAND & GRAVEL
700	720	SAND & GRAVEL
720	740	SAND & GRAVEL
740	760	SAND & GRAVEL
760	780	SAND & GRAVEL
780	800	SAND & GRAVEL
800	820	SAND & GRAVEL
820	840	SAND & GRAVEL
840	860	SAND & GRAVEL
860	880	SAND & GRAVEL
880	900	SAND & GRAVEL
900	920	SAND & GRAVEL
920	940	SAND & GRAVEL
940	960	SAND & GRAVEL
960	980	SAND & GRAVEL
980	1000	SAND & GRAVEL

Show exact depth of bottom

17210

②

533

STATE OF MONTANA,
COUNTY OF SILVER BOW. }

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

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 .. Mr. Keith Gordon

Address ...2635 Nettle St.

Ref: NND 82791

Date well started August 2, 2012

completed _____

Type of well Drilled

(Date, driver, barrel or drilled)

Equipment used _____

(Chain drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

• Description

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

ELEV FEET	WATER LEVEL	TIME	DATE	TEMPERATURE		
				AIR	SOIL	WATER
6"	6 1/2" - 10" N 100	41'	15'			
	200FTC Pile 14'	104'		20 SHALL LOW	74'	104'

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

*Measured from ground level.
Well developed by _____
for _____ hours.

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

NW 1/4 NW 1/4 Sec. 31
T. 9 N. R. 7 W. E
3 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 Ave.**

Butts, Montana 19701

LICENSE NO. _____

Top of Ground (Elev. above sea level) _____

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.

[illegible]

204' Show exact depth of bottom

51,846

313735

STATE OF MISSISSIPPI

COUNTY OF CLAY

I hereby certify that

was born at my office on

day of

19

at

Mississippi

My commission expires

at

19

at

Mississippi

My commission expires

at

19

at

Mississippi

My commission expires

at

19

at

Mississippi

My commission expires

at

19

at

Mississippi

My commission expires

at

19

at

Mississippi

My commission expires

at

19

at

Mississippi

My commission expires

at

19

at

Mississippi

My commission expires

at

19

at

Mississippi

My commission expires

at

19

at

Mississippi

My commission expires

at

19

at

Mississippi

My commission expires

at

19

GW 1

St Paul, Minn.
State of Mont.

T 3N R 7W 31
County Silver Bow

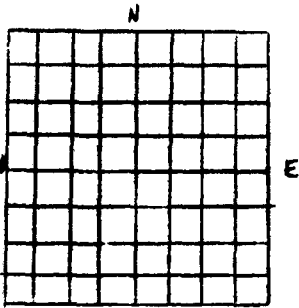
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R
JAN 2 1964

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

1. Raymond E. Jones and Hillet Jones, of 5540 Oregon Ave. 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 Jan. 1, 1962, as follows:



NW 1/4 Sec 1 T 3N R 7E
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1950 continuous

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

5. If used for irrigation, give the acreage & description of the lands to which water has been applied & name of the owner thereof
not for irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1950

8. The depth of water table
5 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
4 in. aug. -- 4 ft. diameter cement casing -- 41 ft. deep

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

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
none

Date 12-31-63 Signature of Owner Raymond E. Jones and Hillet Jones

STATE OF MONTANA) ss. Raymond E. Jones and Hillet Jones having first been duly
COUNTY OF SILVER BOW) sworn, depose and say that he of

lawful age and the the appropriator and 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 December, 19 63
Notary public for the St. of Montana, residing at Butte, Montana
Commission expires Dec 3, 1966

18174

351316

STATE OF NEW YORK
COUNTY OF SULLY

I hereby certify that the within
was filed at my office on the 31st
day of December 1923.

Attest my hand and seal of office
this 31st day of December 1923.
Notary Public
Wm. H. Miller

MONTANA

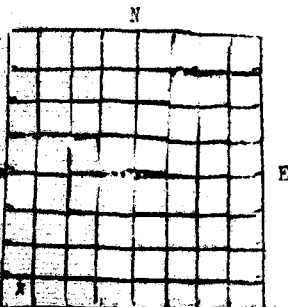
STATE ENGINEER

OFFICE OF STATE

OF VESTED GROUNDWATER RIGHTS

Chapter 237, Montana Session Laws, 1961)

1. Alexander Nelson Hassock, of P.O. Box 1053 - 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. Domestic & home supply
3. Date or approximate date of earliest ben-
eficial use; and how continuous the use has
been 1915 - when needed
4. The amount of groundwater claimed (in
miner's inches or gallons per minute)
Unlimited
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
Hand digging

7. The date of commencement and completion of the construction of the well, wells, or
other works for withdrawal of groundwater
1915
8. The depth of water table 12 ft from 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 as much as needed
11. The log of formations encountered in the drilling of each well if available
Hand digging
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 Alex. P. & Nelson Hassock

Date December 30, 1963

STATE OF MONTANA) ss
COUNTY OF SILVER BOW)

_____ 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 _____ know
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 14, 1964

Subscribed and sworn to before me, this 31 day of Dec, 1963
Notary public for the State of Montana, residing at _____ Commission expires _____

25/135

[Handwritten signature]

RECEIVED

County Silver

JUL 6 1972

DRILLER'S LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
Indicate the character, color, thickness of strata such as soil, clay, gravel, shale, sandstone, etc. S depth at which water is found height to which water rises in

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 McGovern

Address 622 W. Granite

Butte, Montana 59701

Date well started March 30, 1972

completed March 30, 1972

Type of well Drilled

Equipment used Crown Drill

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

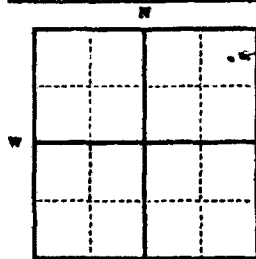
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

*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

Flow Rate	Static Water Level	Dynamic Water Level	Flow Rate	Flow Rate	Flow Rate
6"	6 1/2' to 4'	1 1/2' to 2'	70'	71'	76'



Static water level 20 ft.
Pumping water level 15 ft.
at 15 gallons per minute,
measured 15 minutes after pumping
began.
*Measured from ground level.
Well developed by balling
for 15 hours.
Power 1/2 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

SE 1/4 1/4 Sec. 31
T. 2N. R. 7W. E
S 1/2 T 12' W

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

Driller's Signature O'Neale Contracting Company

Driller's Address 2000 Harvard Ave.

Butte, Montana 59701

LICENSE NO. 2

Top of Ground (Other, show sea level)

From (Feet)	To (Feet)	
0'	1'	Cap rock
1'	40'	Consolidated sand
40'	60'	Consolidated sand
60'	70'	Heavy sand & gravel
70'	76'	sand & gravel

76' Show exact depth of

310408

STATE OF NEW YORK
COUNTY OF ALBANY
I hereby certify that the within instrument
was filed at my office on the _____ day of _____
19____ at _____

MONTANA

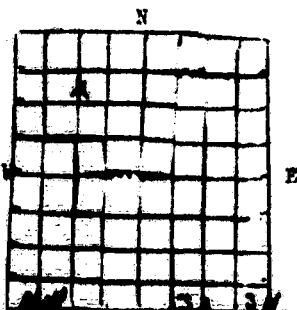
32 7-31
RECEIVED
 DEC 31 1962
STATE ENGINEER

OFFICE OF STATE

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

1. John P. Rell, of 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 or which the claim is based water for irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1923
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.5 million gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Acres 2.5 million gpm
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 2.5 million gpm

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 2.5 million gpm
10. The estimated amount of groundwater withdrawn each year 2.5 million gpm
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 John P. Rell

Date 3/1/63

STATE OF MONTANA)
 COUNTY OF SILVER BOW) ss

John P. Rell having first been duly sworn, deposes and say that he is 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.

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

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

My Commission Expires June 1, 1964

MONTANA

OFFICE OF STATE

OF PUBLIC ACCOUNTS

Section 27 Montana Statutes, 1913

John Parrell

County of Silver Bow, State of Montana, have appeared before me and declared that the foregoing is a correct copy of the original as shown to me on January 1, 1914, as follows:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

2. The following is a list of the names of the persons who have been appointed to the office of public accountants for the year 1914:

1. Name of person appointed to the office of public accountant for the year 1914:

2. Name of person appointed to the office of public accountant for the year 1914:

3. Name of person appointed to the office of public accountant for the year 1914:

4. Name of person appointed to the office of public accountant for the year 1914:

5. Name of person appointed to the office of public accountant for the year 1914:

6. Name of person appointed to the office of public accountant for the year 1914:

7. Name of person appointed to the office of public accountant for the year 1914:

8. Name of person appointed to the office of public accountant for the year 1914:

9. Name of person appointed to the office of public accountant for the year 1914:

10. Name of person appointed to the office of public accountant for the year 1914:

11. Name of person appointed to the office of public accountant for the year 1914:

12. Name of person appointed to the office of public accountant for the year 1914:

13. Name of person appointed to the office of public accountant for the year 1914:

14. Name of person appointed to the office of public accountant for the year 1914:

15. Name of person appointed to the office of public accountant for the year 1914:

16. Name of person appointed to the office of public accountant for the year 1914:

17. Name of person appointed to the office of public accountant for the year 1914:

18. Name of person appointed to the office of public accountant for the year 1914:

19. Name of person appointed to the office of public accountant for the year 1914:

20. Name of person appointed to the office of public accountant for the year 1914:

21. Name of person appointed to the office of public accountant for the year 1914:

22. Name of person appointed to the office of public accountant for the year 1914:

23. Name of person appointed to the office of public accountant for the year 1914:

24. Name of person appointed to the office of public accountant for the year 1914:

Signature of Clerk

Date

STATE OF MONTANA
COUNTY OF SILVER BOW

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

John Parrell

Subscribed and sworn to before me, this DEC 28 1913

Notary public for the State of Montana, residing at

at

251174

STATE OF MONTANA
COUNTY OF SILVER BURDETT
I hereby certify that the within instrument
was read at my office on this 1st day of
May 1908.
WILLIAM W. BURDETT
County Clerk and Ex-Officio
Register

MONTANA

RECEIVED
JAN 2 1964

OFFICE OF STATE

STATE ENGINEER

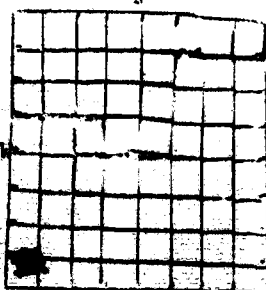
OF VESTED GROUNDWATER RIGHTS

Chapter 237, Montana Session Laws, 1961)

1. F. J. RILEY and B. RILEY, of 3677 HARRISON AVE., 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:

N 8 1/4 Lot 14 (7.36 ac)
31 37 7 W 1-1



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 beneficial use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. None. We have used it in place
4. The amount of groundwater claimed (in miner's inches or gallons per minute) ?
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner. Owner F. J. Riley
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. None
7. The date of commencement and completion of the construction of the well, wells, or other withdrawal of groundwater
8. The depth of water table 25 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of each 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 This section is composed of granite with layers of 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 Book 4, Page 2000, Line 8

Signature of Owner

Date Dec 30, 1963STATE OF MONTANA)
COUNTY OF SILVER BOW) ss

F. J. Riley and B. Riley having first been duly sworn, deposed and say that they is 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 names are 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 30 day of September, 1963Notary public for the State of Montana, residing at Butte, Montana Commission expires 12-27-66

251 249

STATE OF MONTANA,
COUNTY OF SILVER BOVE,

I hereby certify that the within and
was filed at my office on the
day of March, 1962
Attest my hand and seal this 9th day of March, 1962.

WILLIAM F. F.
W. F. F.

GW 4

T 3rd R 7th S 31

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

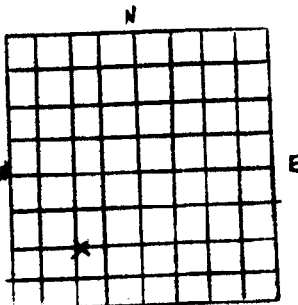
RECORDED
DEC 31 1968

STATE ENGINEER

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

Robert E. Ritchie, of 4005 California Butterfield
(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:



Ar 62/14 Sec 3/T 34 R 7N
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 & irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1955 Continuous
4. The amount of groundwater claimed (in miner's inches, or gallons per minute) 7 gal. 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 2 acres
Per. 5th & 31 32 7N
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 66 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
76 feet by pump

10. The estimated amount of groundwater withdrawn each year 956,800 gal.

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 Dec. 31, 1962 Signature of Owner Mrs. Robert Ritchie

STATE OF MONTANA
COUNTY OF SILVER BOW) ss Mrs. Robert Ritchie having first been duly
sworn, depose _____ and say that _____ he _____ of
the appropriator _____ and
lawful age 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 30 day of Dec, 1962
Notary public for the St. of Montana, residing at Butterfield
Commission expires Jan 14 1966

16873

251176

STATE OF MONTANA, }
COUNTY OF SILVER BOW. } ss.
I hereby certify that the within instrument
was filed at my office on Feb 12 1907
at 12:00 o'clock P.M.
Witness my hand and seal this 12th day of February 1907.
WILLIAM T. DUCKER
County Clerk and Recorder
William T. Ducker

RECEIVED
MAY 8 1964

T. 3N R. 7W 31

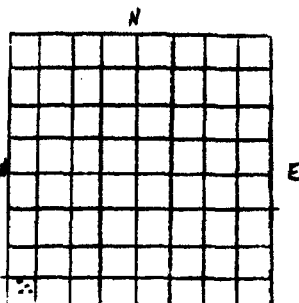
County Silver Bow CountySTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 2 1964

STATE ENGINEER

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

1. Clifford Self & Edna Self (name of appropriator) 518 Holmes Ave. Butte Mont (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.

2. The beneficial use on which the claim is based
Domestic use (House, stock, irrig)
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Prior to 1930 - Continuous use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
3 gpm / min.
5. If used for irrigation, give the acreage & description of the lands to which water has been applied & name of the owner thereof
1 1/2 Acres border + alfalfa
Ownership flat - Clifford & Edna Self
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pump & Gravity Flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Prior to 1930
8. The depth of water table
Ground Level
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
one is 15' x 15' x 6' 1 - 2 Springs boxed in.
one is 6' x 6' x 20' with a beautiful water
10. The estimated amount of groundwater withdrawn each year
547,500 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 Co. record
none

Date 12-30-63

Signature of Owner

Clifford Self &STATE OF MONTANA
COUNTY OF SILVER BOW) ss CLIFFORD SELF & EDNA SELF having first been duly

sworn, depose and say that they of lawful age and are the appropriators and Claimants of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the persons whose names subscribed thereto, as the appropriators and claimants, that they know the contents of said foregoing notice & that the matters & things therein stated are true.

Clifford SelfEdna Self

Subscribed and sworn to before me this 30th day of December, 1963
Notary public for the St. of Montana, residing at Butte Montana
Commission expires Jan 19, 1966

Janet D. Telling

11153

251295

I hereby certify that the within
was filed at my office on the 21st
day of August, 1963
at 15 minutes past 2
o'clock PM.

Margaret Pond

OW 2

File No.

DUPLICATE

RECEIVED
MAY 7 1964

State Publishing Co., Helena, Montana—4193

SW 1/4 Sec. 31 T. 3 N. R. 7 W.

STATE OF MONTANA
DEPARTMENT OF GEOLOGY AND MINES
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Bill Taylor Address Butte, Mont.Driller O'Keefe Drilling Co. Address Butte, Mont.

Date of Notice of Appropriation of Groundwater

Date well started 10-15-63 Date Completed 10-31-63Type of well drilled Equipment Used churn
(aug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

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

Size of Bored Hole	Size and Weight of Casing	From (Feet)	To (Feet)	Character of Strata	Thickness (Feet)	Water Level (Feet)
6"	6" 19 lbs.	0	60	containing gravel	50	60

Static Water Level for non-flowing Well 50 feet

Shut-in Pressure for Flowing Well

Pumping Water Level 50 feet at 4 gal. per minute

Discharge in gal. per min. of flowing well

How Tested baller Length of Test 4 hrs.

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

SW 1/4 Sec. 31 T. 3 N. R. 7 W.

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

Show exact depth of bottom.

Mont. License No. 8

Driller's License Number

Driller's Signature Edward R. O'Keefe

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

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

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

1622

25114

STATE OF MONTANA,
COUNTY OF SILVER BOVE, }

I hereby certify that the within instrument
was filed at my office on the 27
day of March, A. D. 1963.

Attest my hand and seal this 27th day of March, 1963.

Notary Public
J. William [Signature]

RECORDED
INDEXED

1963 MAR 27
11:41 AM

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.

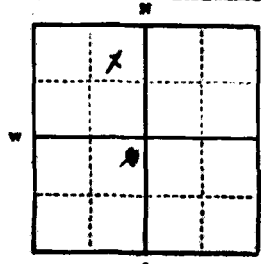
Owner Joe Zehn
Address Butte Mont
Date well started Sept 5, 1971 11:39 A.M.
completed Sept 6, 1971
Type of well Drilled
Equipment used Chard
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

For Administrator's Use
File 316379
FEBRUARY 19 1973

*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 1,000,000 gal

IN	FE	IN	FE	IN	FE	IN	FE
6 IN	6 IN	0	21	25	63		
	17.2						
	411						
	Plan, 10	20	63				



NE 1/4 NW 1/4 Sec. 31
T. 3 N. R. 7 W.

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

Driller's Signature Martin J. Bauer
Driller's Address 4015 Park Lane Butte Mont. LICENSE NO. 179

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	Well Pit
8	14	Clay + Sand
14	28	Dr. - packed 1/2 inch
28	39	Sand
39	61	Dr. - packed 1/2 inch
61	63	Sand (water)

63 ft. show exact depth of bottom

916379

STATE OF MISSISSIPPI
COUNTY OF ALBANY
I hereby certify that the
[redacted] is the
[redacted] of the
[redacted] of the
[redacted] of the
[redacted] of the

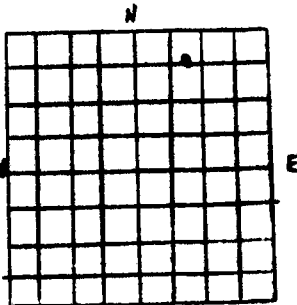
[redacted]
[redacted]
[redacted]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

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

1. Leona Zelen, of 1477 Langdon Ave 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:



1/4 Sec 24 T 24 R 24
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
Since 1950 Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
5 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
Not for Irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Jet pump (electric) in yard

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Since 1950

8. The depth of water table
5 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Hand dug (sand point) 4 feet deep - 5 feet deep

10. The estimated amount of groundwater withdrawn each year
4,000 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 Co. record
None

Date Jan 2 Signature of Owner Mrs. Leona Zelen

STATE OF MONTANA } ss The Leona Zelen 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, 19 64
Notary public for the St. of Montana, residing at
Commission expires

NOTARY PUBLIC for the State of Montana
My Commission Expires January 14, 1964

21569

251 344

STATE OF MONTANA }
COUNTY OF SILVER BOW. }

I hereby certify that the within instrument
was filed at my office on the _____
day of _____ 19____
at _____ past _____ o'clock

Attest me this _____
WILLIAM
County
[Signature]

MONTANA

32 - 72
RECEIVED
 JAN 2 1964

OFFICE OF STATE

STATE ENGINEER

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

2014 Elizabeth Warren

Butte

1. M. E. Hannifan

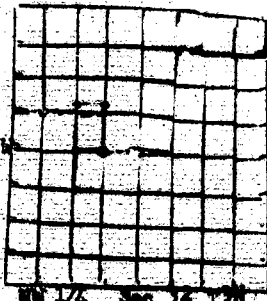
(Name)

, of

(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 and other uses
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1938
4. The amount of groundwater claimed (in acre-feet or gallons) 100,000
5. If used for irrigation, give the percentage and description of the lands to which water has been applied and name of the owner the owner of the land
6. The means of withdrawing such water from the ground and the location of the well or other means of withdrawal well

7. The date of commencement and completion of the construction of the well, ditch, or other means of withdrawal of groundwater between 1938 & 1940

8. The depth of water table 100 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

10. The estimated amount of groundwater withdrawn each year 100,000

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 each of the 100,000 acres of land in the area of the claim

Signature of Owner

Date

STATE OF MONTANA)
 COUNTY OF SILVER BOW) ss

M. E. Hannifan

is 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.

31st

December

63

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

Notary public for the State of Montana, residing at _____

2094
 12/26/1963

2512-08
STATE OF MONTANA
COUNTY OF DEWEE

I hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County of Dewee, State of Montana.

Attest to the foregoing: CLERK OF COUNTY

[Signature]

GW 2

STATE WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—42329

File No. _____

DEC 12 1966

T. _____ R. _____

QUADRUPLICATE

LOG

Bills

Patrons

Costs

Declination

Pickup

McDonnell

McNally

Morton

Sullivan

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

County Silver Bow

Top of Ground

(Elev. above sea level 5260)

0' to 30' sand & clay

30' to 42' silty sand
and water42' to 45' coarse sand
and water (silty)45' to 99' clean sand and
water99' to 100' clay and
coarse sand

100'

Show exact depth of bottom.

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

(Under Chapter 237, Montana Session Laws, 1961)

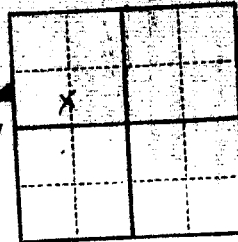
Owner M. K. Harvifan Address Butte, MontanaDriller G. Keefe Drilling Co. Address Butte, Montana

Date of Notice of appropriation of groundwater _____

Date well started 3/26/66 Date completed 3/29/66Type of well drilled Equipment used rotary drill
(Dig, Driven, 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. The 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	Character of Strata	Depth Feet	Water Level Feet
6"	6" 19#	0'	100'	drilling depth	75'	100'



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

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 Air CompressionLength of Test 6 hours

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

(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).

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.

Montana State License #
Driller's License Number

E. O. Kuyper
Driller's Signature

41,430

270695
STATE OF MONTANA
COUNTY OF SILVER BURDEAU
I hereby certify that the within and foregoing are
true and correct copies of the original
day of June 1905
at Silver Burdeau
Silver Burdeau County, Montana
the seal of said County is hereunto affixed
Thos. J. Miller

32

File No.

DUPLICATE

T. 3N. R. 7W.

County Silver Bow

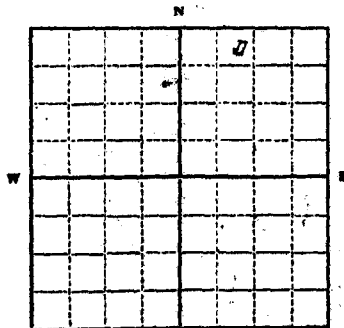
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Howard A. Johnson and Alice S. Johnson of 36 North Lake Drive, 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, 1963, as follows:



NE 1/4 Sec. 32 T. 2N. 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.
Irrigation and domestic.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 30, 1949; continuous full use thereafter during May, June, July, August, September and October of each year; Occasional use during other months.
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 A tract of .719 acre in NE 1/4 of Sec. 32, T. 2N., R. 7W., a notation and bounds description of which is shown on the reverse hereof, as Exhibit "A".
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Jacuzzi Multi-Stage Injector (JMI) Pump, 1750 gpm (60 cph) on well near center of tract.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 14, 1949, to August 30, 1949.
8. The depth of water table Thirty-five feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well sixty-five feet deep.
10. The estimated amount of groundwater withdrawn each year 8,500,000 gallons.
11. The log of formations encountered in the drilling of each well if available Entire well drilled through disintegrated granite gravel 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 Owners

Howard A. Johnson
Alice S. Johnson

Date May 29, 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; Triuplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

3044

Allyn & Lane

229 62 10 1/2

54555

EXHIBIT "A"

A tract of land in the Northeast Quarter (NE¹) of Section Thirty-two (32), Township Three (3) North, Range Seven (7) East, N.T.S., consisting of two parcels described as follows, to-wit:

Parcel No. 1. Beginning, for the description of this parcel, at the Southeast corner thereof, from which the Northeast corner of Section 32, T. 3 N., R. 7 E., bears North 75° 25' East, 1395 feet; and thence
thence First Course North 23° 22' East, 290.21 feet; thence Second
Course North 68° 1' West, 100 feet; thence Third Course South 29° 30'
West, 262.55 feet; thence Fourth Course South 72° 41' East, 150 feet
to the point of beginning; containing an area of approximately .68 of
an acre;

Parcel No. 2. Beginning, for the description of this parcel, at the
Southeast corner thereof, which is identical with the Southwest corner
of Parcel No. 1 above described; thence First Course North 29° 30' East,
along the west boundary of said Parcel No. 1, 60 feet; thence Second
Course North 60° 22' West, 30 feet; thence Third Course South 29° 30' East
West, 54.5 feet, more or less, to the north boundary line of the Batte
Country Club Golf Course property; thence Fourth Course South 42° 43'
East, along said north boundary line of said Golf Course property, 30.5
feet, more or less, to the place of beginning; containing an area of
approximately .039 of an acre.

RECEIVED

JUL 6 1972

County Silver Bow

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
MONTANA WATER RESOURCES BOARD
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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 Cal Linnvall

Address 2889 Elizabeth Park, Butte, MT 59702

Butte, Montana 59702

Date well started March 25, 1972

completed None

Type of well Drilled

Equipment used Churn Drill

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

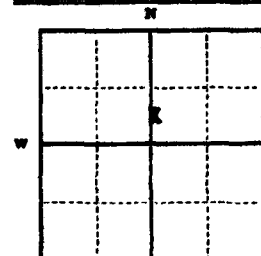
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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

Depth of Well	Flow Rate of Well	From	To	PERFORATIONS	From	To
6'	6 1/8" @ 2,350	42'	55'	cutting 50'	50'	55'



Static water level 21' ft.
Pumping water level 40' ft.
at 20 gallons per minute,
measured 20 minutes after pumping
began.
*Measured from ground level.
Well developed by test pumping
for 2 hours.
Power 2 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

SW 1/4 Sec. 32

T. N. R. SE E

Undeveloped Blk 67 - Atherton
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 2404 Harvard Ave.

Butte, Montana

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) <u>5,834</u>
From (Feet)	To (Feet)	
0'	21'	top soil
21'	40'	compacted sand & clay
40'	50'	loose sand & gravel
50'	55'	sand & gravel & water

55' Show exact depth of bottom

50,834

This image is a dark, high-contrast scan of a document page. It is heavily textured with noise, including vertical banding and horizontal streaks. There are some faint, illegible markings and a small, light-colored mark near the top center. The overall appearance is that of a very poor quality scan of a dark surface.

Please provide, as indicated in red on the attached form, the complete

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. lot, block

ESTIMATED ANNUAL WITHDRAWAL[illegible]

Doc. No. 310638

SA
Helena, Montana

NATURAL
RESOURCES AND CONSERVATION

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your ground-water right.

Special Instructions:

Please provide, as indicated in red on the attached form, the complete location of the well by Township, Range and Section.

Thank you.

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

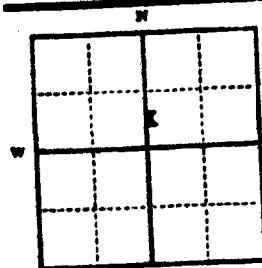
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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

Well No.	Type of Well	Diameter	Depth	Temperature		
				100'	200'	300'
6"	5/8" drill	250'	42'	cutting	59°	55°



Static water level 21' ft.
Pumping water level 11' ft.
at 20 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.
Well developed by _____
for 2 hours.

Power _____ Pump 2 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

Section 32
T. 1 N. R. 7 E. S. 32

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

Driller's Signature _____

Driller's Address _____

Driller's License No. _____

Show exact depth of bottom

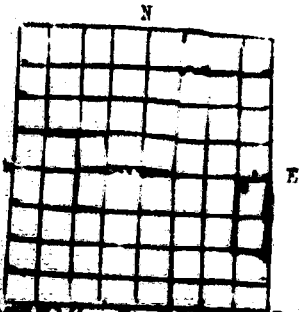
50,834

OFFICE OF STATE

OF VESTED GROUNDWATER RIGHTS

Chapter 237, Montana Session Laws, 1961

1. WM R. & ERMA I. McMEKIN, of 5501 GREENLAND AVE 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 DOMESTIC

3. Date or approximate date of earliest bene-
ficial use; and how continuous the use has
been DAILY SINCE 1929

4. The amount of groundwater claimed (in
miner's inches or gallons per minute)
AMPLE FOR GROUNDWATER FROM CREEK

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 20 ACRES (PARTIAL ACRES) MONTANA
C. R. & E. McMEKIN

6. The means of withdrawing such water from
the ground and the location of each well
or other means of withdrawal
ELECTRIC PUMP (WELL HEAD)

7. The date of commencement and completion of the construction of the well, wells, or
other works for withdrawal of groundwater
WELL DRILLED - Cased - COMPLETED IN 1939

8. The depth of water table APPROXIMATELY 10 FT.

9. So far as it may be available, the type, size and depth of each well or the general
specifications of any other works for the withdrawal of groundwater 1 - DRIVEN WELL 2" CASING WITH 1 1/2" DRIVE PIPE - BOTTOMS PUMP FOR
USING WATER FROM LITTLE BLACK HILL DEER CREEK

10. The estimated amount of groundwater withdrawn each year AMPLE FOR FAMILY USE ONLY
WATER - SILVER - CROWN

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 William R. McKin

Date DECEMBER 28, 1963

STATE OF MONTANA
COUNTY OF SILVER BOW

depose and say that William R. McKin having first been duly sworn,
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

DEC 30 1963

Notary public for the State of Montana, residing

at Butte, Montana
My Commission Expires July 1, 1964

25119.

STATE OF MONTANA,
COUNTY OF SILVER BOGE.

I hereby certify that the within instrument
was filed at my office on the
day of April 1921
13 o'clock PM at Bozeman

Attest my hand:

Notary Public in and for the State of Montana

My commission expires

County

Silver Bow

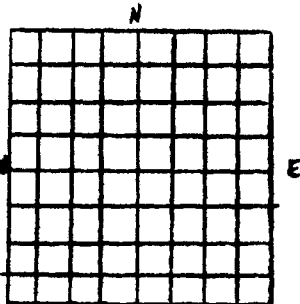
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

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

1. Evelyn F. Mooney, of 3000 Elizabeth Warren Blvd., 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:



1/4 Sec 32T 34 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

Irrigation

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

Oct., 1951-Each year from March to Oct.

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

50 Gals. 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

one acre

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

Well located on South end of acre

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

October, 1951

8. The depth of water table

24 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

Depth of well 122 feet

10. The estimated amount of groundwater withdrawn each year

120,000 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 Co. record

Date 12-31-63

Signature of Owner

Evelyn F. Mooney

STATE OF MONTANA) ss Evelyn F. Mooney having first been duly
COUNTY OF SILVER BOW) sworn, deposes

and says that she is 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 she knows the contents of said foregoing notice & that the matters & things therein stated are true.

Subscribed and sworn to before me this 31st day of December, 19 63

Notary public for the St. of Montana, residing at Butte, Montana

Commission expires Dec 15 1966

2480

Commission expires _____
I hereby certify that the above is a true and correct copy of the original as the same appears in the records of the _____
County of _____ State of _____
this _____ day of _____ 19____
at _____
I, _____
Commissioner of the _____
know the contents of the foregoing and certify that the same are true and correct.

227 358
STATE OF _____
COUNTY OF _____
I hereby certify that the foregoing instrument
was filed at my office on the _____
day of _____ A. D. 19____
at _____
Attest my hand and seal.
Walter M. Lee

✓
GW 4
792-2504
Lyon
with case

Location 011

RECEIVED
JAN 2 1965
MONTANA

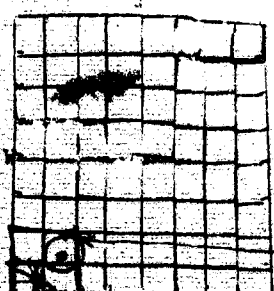
STATE ENGINEER
OFFICE OF STATE

RECEIVED
JAN 2 1964

STATE ENGINEER

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

1. MT VIEW CEMETERY, of 3910 HARRISON 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:



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 LANDS
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
(1914 to 1929) (1938)
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
40 ACRES
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
WORTHINGTON FARM
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
1914
8. The depth of water table
20'
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" casing 125' deep
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

Carl E. Larson
Date Nov 22, 1964

STATE OF MONTANA) ss
COUNTY OF SILVER BOW)

CARROLL E. LARSON 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
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 31 day of December, 1964

Notary public for the State of Montana, residing at Butte Commission exp. 11-20-70

351 326

STATE OF MONTANA
COUNTY OF BLAINE

I hereby certify that the within and foregoing was filed at my office on the _____ day of _____, 19____.
City of _____
Notary Public for the State of Montana

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

Notary Public for the State of Montana

File No.

T. 3N. R. 7W. 32

DUPLICATE

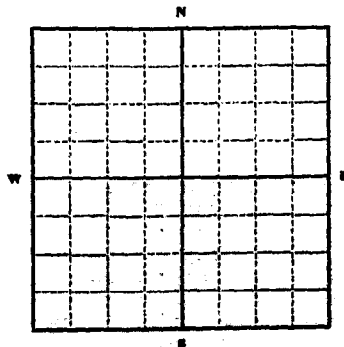
County. Silver Bow

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1963

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

1. Elsie K. Olsen, of 40 North Lake Drive, 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. T. R.
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based.....
Irrigation and domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 20, 1952; continuous full use thereafter during May, June, July, August, September and October of each year; occasional use during other months.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 11 1/3 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 A tract of .54 acre in NE 1/4 of Sec. 22, T. 1 N., R. 7 W., a note and brand description of which is shown on the reverse hereof, as Exhibit "A".
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Butte NW Water System, NW-1, 1 HP 60 Gpm., 115/200 V., 1 PH. 3450 RPM (Beacotar Pump Co., Danbury, Illinois)
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 5 to 20, 1952.
8. The depth of water table Twenty-four feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well fifty-four feet deep.
10. The estimated amount of groundwater withdrawn each year 1,000,000 gallons
11. The log of formations encountered in the drilling of each well if available Entire well drilled through disintegrated granite gravel 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 Elsie K. OlsenDate August 14, 1962

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

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

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

KINIRIT "A"

A tract of land in Section Thirty-two, Township Three North, Range Seven West, Silver Bow County, Montana, described by metes and bounds as follows:

Beginning at the Northeast corner of the tract herein described, from which the Northeast corner of said Section 32 Range North 85 degrees 55 minutes East 1564 feet, more or less, and running thence North 85 degrees 38 minutes West 257 feet along the West side of Meadow View Road and its extension, to the Butte Country Club boundary; thence North 42 degrees 40 minutes West 112.30 feet, along the Country Club Boundary, thence North 34 degrees 50 minutes East, 230.92 feet to the South boundary of North Lake Drive; thence south 55 degrees 10 minutes East, 85.5 feet along the South boundary of North Lake Drive, to the Southwest corner of North Lake Drive and Meadow View Road and the place of beginning, comprising an area of .54 acres.

241837

16 1/2

Aug 10.00

11

Harold Miller

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

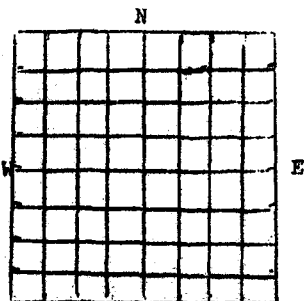
County

RECEIVED
MAR 29 1962

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

STATE ENGINEER

1. Ralph Olsen, of Route 1 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:



SW 1/4 Sec 32 T 3 N R 7 W
Indicate point of appropriation and place of use, if possible.
Each small square represents 10 acres.

Lots: A-20-21-22
73-74
Sec 32 - 3N-7W
SW 1/4

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 Aug. 1952 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1952 - Aug 1952
8. The depth of water table 30 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 inch casing - 45 feet deep
10. The estimated amount of groundwater withdrawn each year 15,000
11. The log of formations encountered in the drilling of each well if available Sand - gravel - 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

Ralph Olsen

Date

STATE OF MONTANA
COUNTY OF SILVER BOW

ss Ralph Olsen having first been duly sworn, depose and say that he is of lawful age and has the appropriation 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.

Neil E. Shea

Subscribed and sworn to before me, this 14 day of Feb., 1962

Notary public for the State of Montana, residing at Butte Montana 26-1964

236534

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

I hereby certify that the within instrument
was filed in my office on the 11th

day of March A. D. 1924

at Liberty Montana

Attest my hand and seal of office this 11th day of March A. D. 1924

W. J. [Signature]
County Clerk

GW 1

File No. _____

DUPLICATE

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

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 29 1962

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ralph Olsen Address Route 1

Driller _____ Address _____

Date of Notice of Appropriation of Groundwater _____

Date well started July 1952 Date Completed July 1952

Type of well drilled Equipment Used Homemade
(dug, driven, _____ 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 (Feet)	To (Feet)	Strata Encountered		
				Kind	Thick (Feet)	Height (Feet)
<u>4 inches</u>	<u>4 inch pipe</u>	<u>7 ft</u>	<u>45 ft</u>	<u>Shale</u>	<u>12</u>	<u>45</u>

Static Water Level for non-flowing Well 30 feet

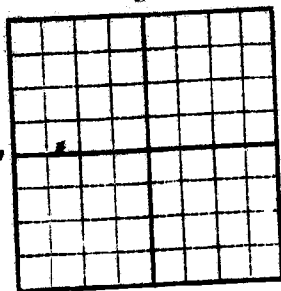
Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ feet at 3 gal. per minute

Discharge in gal. per min. of flowing well _____

How Tested _____ Length of Test _____

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



S.W. 1/4 Sec. 34, T. 2, R. 7, W. 4
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number

Ralph Olsen
Driller's Signature

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

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

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

D
E

I

any
of

RECEIVED

238555

STATE OF MINNESOTA } ss.
COUNTY OF SILVER BOW.

I hereby certify that the within instrument
was filed at my office this 18 day of July, A. D. 1912
at 11 minutes past 10 o'clock AM.
Attest my hand

Abraham P. 72002
Notary of Minnesota

23 7 32

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

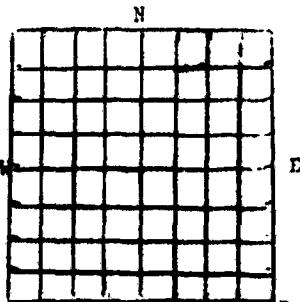
County _____

RECEIVED
JAN 2 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Harold Perkins, of 502 Mt. Highland Drive RT. 38 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 _____
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres. W 1/4 of Sec 75 T6 S E 1/4 32 3N 9W

2. The beneficial use on which the claim is
based Household and irrigation
3. Date or approximate date of earliest bene-
ficial use; and how continuous the use has
been 1942 Continuous
4. The amount of groundwater claimed (in
miner's inches or gallons per minute)
15 gpm 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 Harold Perkins
(1) Cornacre Haystack, Montana and
Gardens, Idaho and Florida
6. The means of withdrawing such water from
the ground and the location of each well
or other means of withdrawal

- Deep Well Pump
7. The date of commencement and completion of the construction of the well, wells, or
other works for withdrawal of groundwater
Exact date unknown about 1942
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
Drilled 8 inch casing approximately 30 feet deep
4 feet of water
10. The estimated amount of groundwater withdrawn each year _____
11. The log of formations encountered in the drilling of each well if available
unavailable
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 Harold PerkinsDate Dec 30, 1963

STATE OF MONTANA } ss
COUNTY OF SILVER BOW

Harold Perkins having first been duly sworn,
deposes and says that he is 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.

Subscribed and sworn to before me, this DEC 31 1963 of _____ 19____

251301

RECEIVED
U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C.
FILED AT NEW YORK ON THE 31/6/39
BY SA [Signature]
[Signature]
[Signature]

51.847



MONTANA WATER RESOURCES BOARD

RECEIVED

File No. _____

T 3N R 7W

DUPLICATE

JUN 24 1969

County Silver Bow

LOG _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground _____

(Elev. above sea level _____)

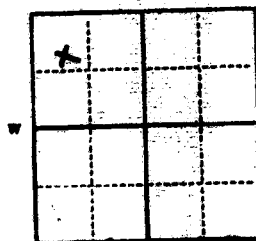
**Notice of Completion of Groundwater
Appropriation by Means of Well**
DEVELOPED AFTER JANUARY 1, 1968

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

Owner Mr. Mike Carlson Address Butte, MontanaDriller Goose Drilling Co. Address Butte, MontanaDate of Notice of appropriation of groundwater October 30, 1968Date well started October 3, 1968 Date completed October 13, 1968Type of well drilled Equipment used auger
(Dig, driven, bored or drilled) (Chain 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)	Water Level		
				Static Level	From Casing	To Casing
6"	6 1/2" x 17.02 lb	0'	35'	surface water	29'	34'

Static Water Level for non-flowing well 29'

Shut-in Pressure for Flowing Well _____

Pumping Water Level 29'at 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested test pumpLength of Test Three hoursRemarks: (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)

85'-95' water & heaving
sand

2' plug in casing

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 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 Edward O. Hays

45,360

1992

1947

100

1947

GW 2

File No.

QUADRUPLICATE

RECEIVED
JAN 2 1961

Approved Stock Form—State Publishing Co., Helena, Montana—4132

T. 3N R. 7W 33

County: Silver Bow

LOG STATE ENGINEER

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 5650)
(Approximate)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: S. Jacob / Janssen Address: Box 71, Little, Montana

Driller: O'Keefe Drilling Co. Address: 2004 Harvard, Butte

Date of Notice of appropriation of groundwater:

Date well started: July 30, 1964 Date completed: August 1, 1964

Type of well: (Dug, Driven, Cased, etc.) Equipment used: (Casing, Drill, etc.)

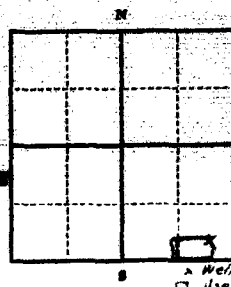
Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☒
Industrial ☒ Drainage ☐ Other ☐

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	Depth (Feet)	To (Feet)	Character of Strata	Water Level (Feet)	Water Level (Feet)
6"	6" 19'	0'	190'	cutting sand	145'	150'

0' to 112' decomposed granite
112' to 114' sand & water

114' to 146' decomposed granite
146' to 190' sand & water



Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

at gal. per minute

Discharge in gal. per min. of flowing well

How Tested

Length of Test

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

SE 1/4 Sec 33 T3N R7W
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). Domestic and household use; watering horses; irrigation of approximately ten acres on the Teresa lode mining claim. Twenty-five gallons per minute claimed. Intended use: continuous.

Show exact depth of bottom: 190

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.

Driller's License Number

Edward R. O'Keefe

Driller's Signature

Jacob Janssen

38892

257161
STATE OF MONTANA
COUNTY OF SILVER BOULDER

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

WILLIAM F. HAYES
By *W. Hayes*

MONTANA

RECEIVED
DEC 31 1963

OFFICE OF STATE

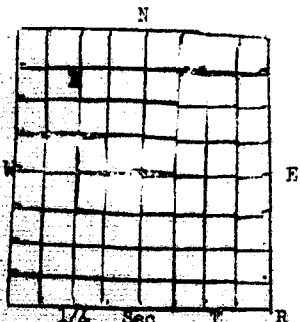
STATE ENGINEER

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

1. Charles A. O'Neill, of 12 West Broadway, Butte, Mont.
(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:

JULIAN

97737 33 38 74 1-1



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 basins use and yard watering
3. Date or approximate date of earliest bene-
ficial use; and how continuous the use has
been 1917
4. The amount of groundwater claimed (in
mineral inches or gallons per minute)
unknown
5. If used for irrigation, give the acreage and
description of the lands to which
water has been applied and name of the
owner thereof.
by old lines and flows
approx. 10 acres
6. The means of withdrawing such water from
the ground and the location of each well
or other means of withdrawal
Jet Pump
7. The date of commencement and completion of the construction of the well, wells, or
other works for withdrawal of groundwater
1917
8. The depth of water table 70 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
1917
10. The estimated amount of groundwater withdrawn each year 200,000 gal.
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 county record
1963 Book 3 Page 977 Lines 1-1

Signature of Owner

Charles A. O'Neill
Dec. 30, 1963

Date

STATE OF MONTANA) ss
COUNTY OF SILVER (BOW)

Charles A. O'Neill 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 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.

Notary Public

Re

My Comm. expires

Subscribed and sworn to before me, this 30th day of Dec, 1963Notary public for the State of Montana, residing at Butte, Mont.16876
17165

3

251199

251179

STATE OF MONTANA
COUNTY OF SHELBY

I hereby certify that the within instrument
was filed in my office on this day of
May 1968.

WITNESSETH MY HAND

WILLIAM T. BRYAN
County Clerk

W. T. Bryan

6876
265

MONTANA

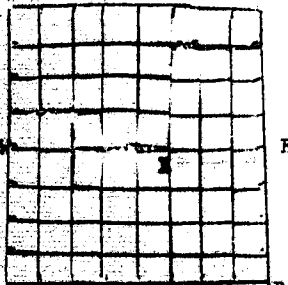
RECEIVED
DEC 31 1963

STATE ENGINEER

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

1. Charles A. O'Neill, of 12 West Broadway, Butte, Montana
(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:

MINESIGHT
#9083 33 36 7N 1-1



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 for my home
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Year 1917 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
Unknown
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
See map

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1917
8. The depth of water table
55 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
See map
10. The estimated amount of groundwater withdrawn each year
73,000 Gal.
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 county record
1963 Book 3 Page 909 Lines 6-9

Signature of Owner

Charles A. O'Neill

Dec. 30, 1963

Date

STATE OF MONTANA) ss
COUNTY OF SILVER BOW)

Charles A. O'Neill

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.

Notary Public for the State of Montana

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

Notary public for the State of Montana, residing at

Commission expires 11/17/1965

251180
251180

STATE OF MONTANA
COUNTY OF SILVER BOOM
I hereby certify that the within instrument
was filed in my office on the 1st day of
JANUARY 1965 at 10:00 AM.
WILLIAM F. BUCHANAN
County Clerk

6877
265