

County Cascade

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

JUL 10 1973

DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

(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.

Marion E. and/or Carol Crawford
Owner

Address Wilkinson Lane

Great Falls, Montana

Date well started 6-12-1973

completed 6-10-1973

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

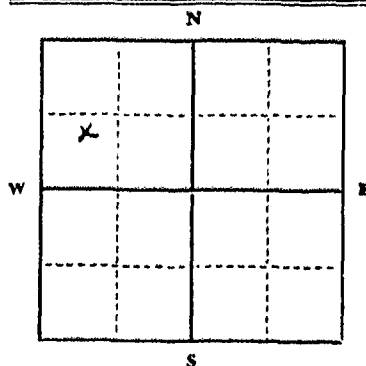
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6-5/8"	6-5/8"	0	141	Not perforated		



Static water level 2 ft.*
Pumping water level 20 ft.*
at 60 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.

Well developed by Bailor

for 4 hours.

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

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

N $\frac{1}{2}$ Sec. 1/4 NW 1/4 Sec. 5
T. 20N N R. 3E E
S W

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

Driller's Signature

Driller's Address Milligan Ave.

Great Falls, Montana

LICENSE NO. 135

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]

141

Show exact depth of bottom

55750

5521

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within instrument was filed in this office on

JUN 26 1973

Date

at 12:01 o'clock P.M.

J. L. LENNON

County Clerk and Recorder.

By J. S. Wilson
Deputy.

File No.

T. 20 R. 3E 17FM

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER 3

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

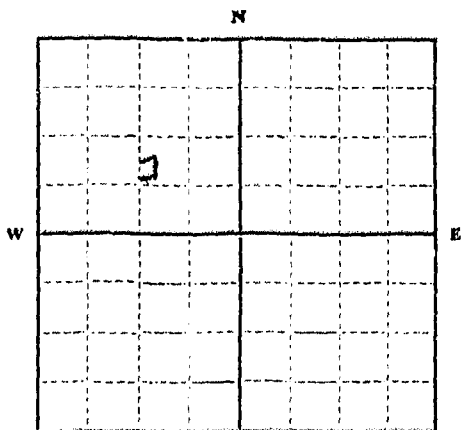
(Elev. above sea level. 3460.)0 to 2 ft. Loam2 to 27 Loose sand27 to 125 Silt125 - 141 silt + gravel141 - 143 GravelWater filled up to
10 ft. from topOwner Elizabeth M. Jandt AddressDriller E. D. Rafferty Address 927-10th Ave. S.W.

Date of Notice of Appropriation of Groundwater

Date well started April 14-62 Date Completed April 17-62Type of well Spilled
(dug, driven, bored or
drilled)Equipment Used Churn drill
(Churn, drill, rotary or
other)Water Use: Domestic ☒ Industrial ☐Municipal ☐ Drainage ☐Other ☐ Stock ☐Irrigation ☒

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5-inch	5-inch 14 lbs p.f.t.	0	143	Casing driven open and into gravel		



NW 1/4 Sec. 5 T. 20 R. 3E 17FM

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

Show exact depth of bottom. 143 ft.Static Water Level for non-flowing Well 10 ft. from top feet.Shut-in Pressure for Flowing Well X NonflowingPumping Water Level 10 ft. feet at 25 gal. per minute.Discharge in gal. per min. of flowing well X NonflowingHow Tested Pump 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) 1/2 acre -Daily requirement - 45,000 gal.Driller's License Number # 28Driller's Signature E. D. Rafferty

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

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

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

1110

3142

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

10th & 1902

at 1030 Date

J. L. LERNER

County Clerk and Recorder

By J. J. Johnson
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 Lyman Ferguson

Address Robinson Lane

Box 65 Rt. 111, Mont.

Date well started June 1, 1973

completed June 5, 1973

Type of well drilled

Equipment used Churn drill (Dug, driven, bored or drilled)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

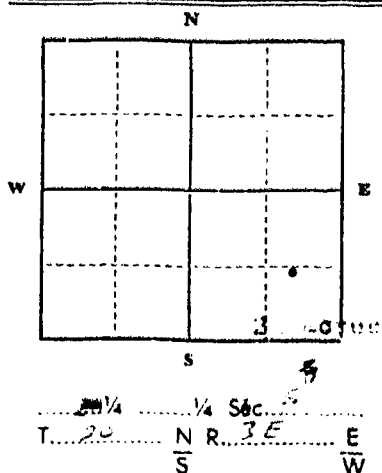
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 (Inch)	Size and Weight of Rod (Inch)	From (Feet)	To (Feet)	PERFORATIONS
5 inch	17 lb.	0	138	Kind: <u>solid</u> From: <u>drilled open end into gravel</u> To: <u>gravel</u>



Static water level 6' from top
Pumping water level 10' from top
at 60 gallons per minute,
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by balling
for 2 hours.
Power Pump HP
Remarks: (Gravel packing, cementing,
padding, type of shutter) and into
gravel
casing driven open end into
gravel

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

Driller's Signature E. D. Rafferty

Driller's Address 927-10 Ave So. W

LICENSE NO. 28

County

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	1	loam
1	18	loam and silt
18	35	clay and
35	132	silt
132	138	fine gravel

138 ft.

Show exact depth of bottom

53,811

5515

STATE OF MONTANA, }
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

JUN 20 1973

at 3:55 ^{Date} o'clock P. M.

J. L. LENNON

County Clerk and Recorder

A. E. Balena
Deputy

File No.

T. 20 R. 3E

DUPLICATE

County.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 17 1963

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

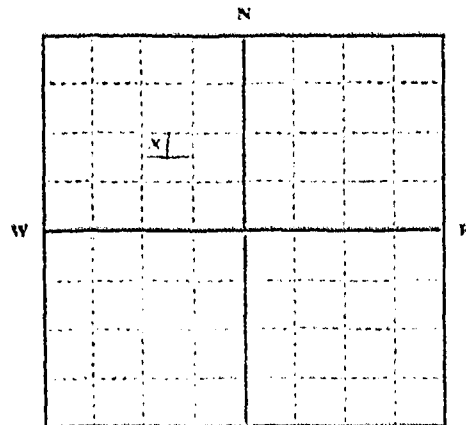
Owner Ben Hoodman Address West Falls, Mont.Driller Thomas B. Franklin Address West Falls, Mont.Date of Notice of Appropriation of Groundwater Sept. 10, 1963Date well started Sept. 18, 1963 Date Completed Sept. 21, 1963Type of well Drilled, Duvion Equipment Used Calhoun
(dug, driven, bored or (Churn, 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 Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 inch	5 inch O.D. top 14 lbs per ft.		Bottom			

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

From top to 135 ft. Glacial Drift Bumbo
140' Water
Gravel, sand, gravel



N. W. 1/4 Sec. 5 T. 20 R. 3E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

140 ft.

Static Water Level for non-flowing Well 15 feet.

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

Pumping Water Level 30 feet at 20 gal. per minute.

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

How Tested Bailer 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).....

84
Driller's License Number

Thomas B. Franklin
Driller's Signature

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

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

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

9587

3491

STATE OF MONTANA, }
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

~~DEC 11 1963~~ DEC 13 1963

Date

at 1:10 o'clock P.M.

J. L. LENNON

County Clerk and Recorder.

By

J. J. Johnson
Deputy.

File No.

T. 20N R. 3E.

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

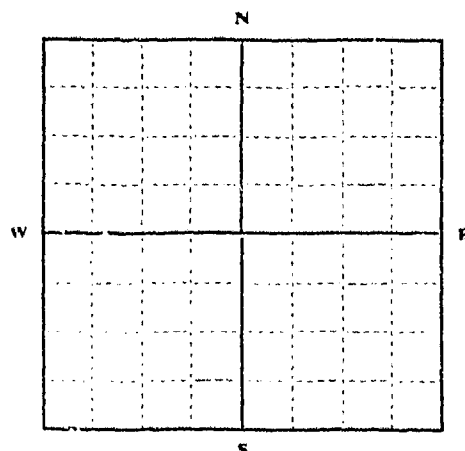
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 20 1963

STATE ENGINEER

1. Donald E. Peck, of Rte 1 West Great Falls
(Name of Appropriator) (Address) (Town)
County of Cascade State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 of NE 1/4
1/4 Sec. 5 T. 20N R. 3E.

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

2. The beneficial use on which the claim is based Household use and lawn and garden irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 9, 1962
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 One acre Donald E. Peck
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Submersible pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Completed July 9, 1962
8. The depth of water table 121 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 Drilled with rotary rig, Size 4 1/2" O.D. Casing. Cemented from top to bottom. Static water level 15 ft.
10. The estimated amount of groundwater withdrawn each year 900,000 to 1,000,000 per year
11. The log of formations encountered in the drilling of each well if available 0 to 12 ft. Clay, 12 to 62 ft. Sand, 62 to 110 ft. Gumbo clay, 110 to 117 ft. Sandstone, 117 to 121 ft. Gravel-Water. Pump tested 30 gal. per minute.
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 Drilled by Soennishsen Drilling Co. Contractors License No. 51 issued under new law of 1961.

Signature of Owner

Donald E. PeckDate December 13, 1963

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

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

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

5596
STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
13 16 1903

Date
at 11:00 a.m. M

J. E. LYNCH
County Clerk and Rec. Clk.

By *[Signature]*
Deputy

File No.

DUPLICATE

T. 20 R. 3E

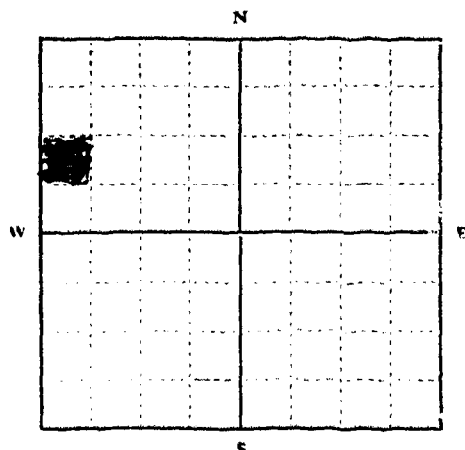
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arthur Peterson, of 1553 Suburban Drive
(Name of Appropriator) (Address) (Town)
County of Cascade State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SWNW 1/4 Sec. 5 T. 20 R. 3E

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

2. The beneficial use on which the claim is based Home
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approx. 1962
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 Hand pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Apr. 1961 Apr. 1961
8. The depth of water table 150 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" casing 130 ft deep
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available 0 to 18' Sand & Gravel 16' Sand & Gravel 12' to 55' 77' Sand & Gravel 55' to 137' 27' Sand & Gravel 137' to 142' Red Clay 142' to 150' Gravel 150' to 159' Sand & Gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date

Arthur Peterson
Dec 31 1963

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

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

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

28509

4522

ORDER AND RECEIPT
FOR THE PAYMENT OF
THE ACCOUNT OF THE
RENTAL OF THE BUILDING
FOR THE MONTH OF
JANUARY 1963

DEC 31 1962

2227

J. L. LEMMON

RENTAL AGENT

[Signature]

File No. _____

T 75 R 5

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Patterson & Leupp Address Liberal Ave
Great Falls, Mont.

Driller Thomas E. Franklin Address Beat 1, Do. East Falls, Mont

Date of Notice of Appropriation of Groundwater Oct. 8 - 1963

Date well started Oct. 8-1963 Date Completed Oct. 12-1963

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 inch	5 inch L.D. top 1 1/4 lbs per ft.	to Bottom				

Static Water Level for non-flowing Well 14 feet.

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

Pumping Water Level. 35 feet at 25 gal. per minute.

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

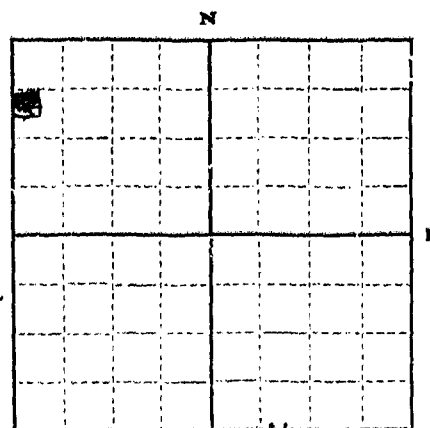
How Tested. Bulk Length of Test. 4 Res.

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).....

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

Water Bearing Course
Sand & gravel sand.
From top to 132 ft. Glacial Drift Lumber



167 10 s R. 2 E 1
..... 1/4 Sec. 5 T. 2 S R. 3 E
Indicate location of well and
place of use, if possible. Each
small square represents 10 acres.

Show exact depth of bottom.

140 ft.

84
Driller's License Number
Thomas P. Franklin
Driller's Signature

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

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

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

9595

3521

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 16 1963

at 3:05 o'clock P.M.

J. L. LENNON
County Clerk and Recorder.

By [Signature]
Deputy.

GW:

File No.

DUPLICATE

T. 20 N. R. 2 E.

County.

RECEIVED
DEC 22 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June, 1960

Owner Richard E. Tacke Address P.O. Box 1207
Catherine L. Tacke Gt. Falls, Montana

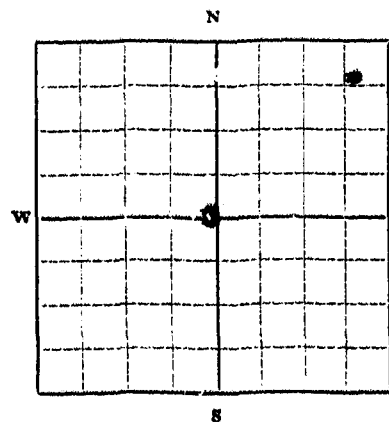
Contractor (if any) NONE

Address of Contractor NONE

Date Started Not App. Date Completed Not App.

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

Small pond built to retain water, and pipe to corrals on same property.



NE 1/4 Sec 5 Don. R. 2 E.

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

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

No measurement of use.

Used continuously for stock water.

Signature of Owner Richard Tacke
Catherine Tacke

Date December 12, 1963

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

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

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

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

12944

3620

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office at

DEC 19 1963

at 2:32 o'clock PM

J. L. LEMMON
County Clerk and Recorder.

By [Signature] Deputy.

File No.

DUPLICATE

T. R.

County

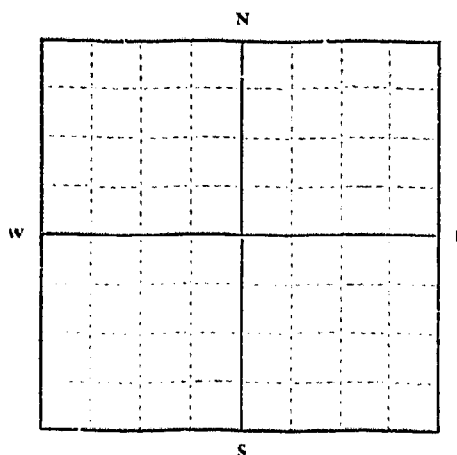
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 17 1963

Declaration of Vested Groundwater Rights
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. *Vernon L. Maldenbury*, of *Milkman, Montana*, *Great Falls*
(Name of Appropriator) (Address) (Town)
County of *Cascade* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



W 1/2 SW 1/4 NW 1/4 Sec. 5 T.20 R.31

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

2. The beneficial use on which the claim is based *household, livestock, irrigation*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *Aug. 1954 has been used continuously from this date on*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *unlimited supply*
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
5 acres NW 1/4 SW 1/4 NW 1/4 Section 5 T.20 R.31 E. 1/4 N. 1/4 R. 31 E. M. P. M. Owner Vernon L. Maldenbury
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 *Well was started & completed in Aug. 1954*
8. The depth of water table *Not known*
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 *This well is a drilled well with a five inch casing and is 152 ft. deep*
10. The estimated amount of groundwater withdrawn each year *2,129,000 gal per year*
11. The log of formations encountered in the drilling of each well if available *No record*
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record *None*

Signature of Owner

Date

Vernon L. Maldenbury
Dec 8, 1963

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

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

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

1574

4497

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within
instrument was filed in this office
DEC. 18 1932

at 436 ^{Date} o'clock PM

J. L. LINDSEY
County Clerk and Recorder

By J. J. Johnson
Deputy

File No. _____

T 20 R 5 E 1

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

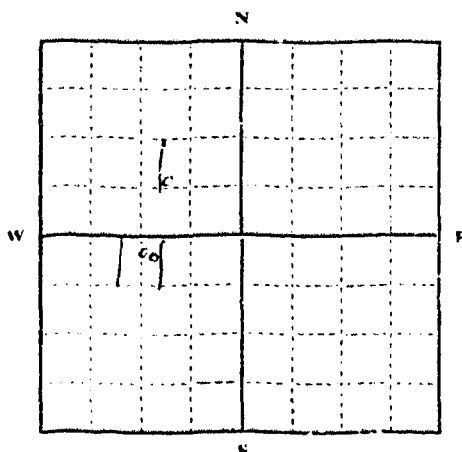
RECEIVED
JUN 10 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Walter R. & Elizabeth Wilkinson of Wilkinson Lane Great Falls
(Name of Appropriator) (Address) (Town)

County of Cascade 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 Livestock
Household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1928 Continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
1 acre lawn and yard owner same as above

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump and sandpoint one by house, one 200 ft. east S.H. Co. Gar. Tr. #12. One 5 ft. lot 1-2-3 Sec. 5 T 20 R 5 E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1928, 1958, 1960

8. The depth of water table 18' to 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 12' well in lot 1-2-3 Sec. 5 E 3' for livestock
home wells (2) 10' well in lot 1-2-3 Sec. 5 E 3' for livestock

10. The estimated amount of groundwater withdrawn each year 1,000,000

11. The log of formations encountered in the drilling of each well if available coarse sandstone fine gravel

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

Signature of Owner

Date 1964-30-1964

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

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

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

28231

4243

DEC 2 1943

9143

9

A. C. Field

File No.

DUPLICATE

T. 25 N. R. 3 E. S. 1

County Cascade

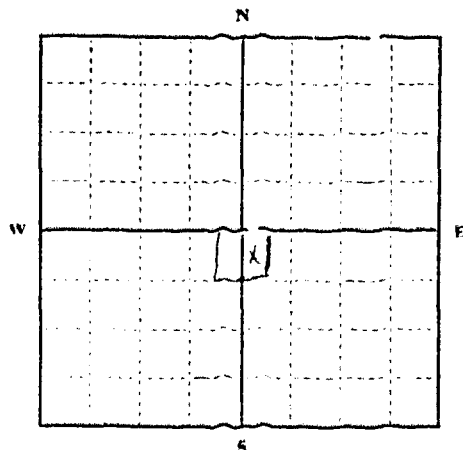
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ralph Roy Wilkins (Name of Appropriator) Monte Neil West (Address) Drakeville (Town)

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



1/4 SE Sec. 5, T. 25 N. R. 3 E.

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

2. The beneficial use on which the claim is based Household and garden use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 Garden use
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric hand pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1959
8. The depth of water table 10 to 20 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 3 - 1/2 inch sand points
Driven
10. The estimated amount of groundwater withdrawn each year Capacity when needed
11. The log of formations encountered in the drilling of each well if available Log by Home
Sand points Iron pipe Hand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

Ralph Roy Wilkins

Date Dec 27 - 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 Quadruplicate for the Appropriator.

27853

3745

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 27 1922

Date

at 2:34 o'clock P. M.

J. L. LENNON
County Clerk and Recorder

By Ed. Cartman
Deputy.

County. Cascade

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.

Walter R. &/or Elizabeth Wilkinson

Owner

Address Rt. 1 Wilkinson Lane

Great Falls, Montana

Date well started 6-18-1973

completed 6-22-1973

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 ☐

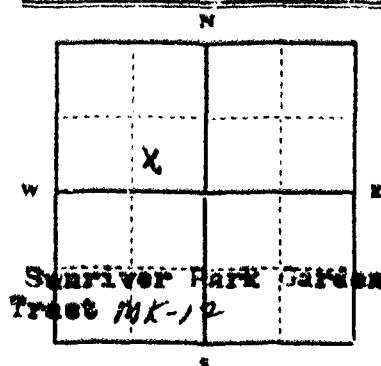
*Describe

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 Casting	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	8" 14	0	76	Not perforated		
6"	6" 20	0	150	Not perforated		



Sunriver Park Garden
Tract MK-12

In SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 3
T. 20 N. R. 3 E. S. 3 W.

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

Driller's Signature _____

Driller's Address Illigan St.

Great Falls, Ont ca

LICENSE NO. 135

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	Top soil
20	72	Sand
72	127	Gray silt
127	148	Sand, gravel, silt
148	150	Sand, gravel, water

150 Show exact depth of bottom

5517

STATE OF MONTANA, }
County of Cascade. }

I hereby certify that the within in-
strument was filed in this office on

JUN 25 1973

at 10:55 clock A.M.

J. L. LINDEN
County Clerk ex officio

J. S. Wilson
Deputy.

County..... Orange

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 Ralph P. Wilkinson

Address Wilkinson Lane

Great Falls, Montana

Date well started 6-26-1973

completed 6-29-1973

Type of well **Drilled**

(Dug, driven, bored or drilled)

Equipment used Churn drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

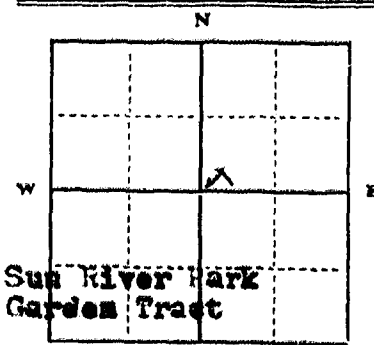
***Describe**

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

and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6-5/8"	6-5/8" 24.7	0	147	Not perforated		



**Sun River Park
Garden Tract**

SW 1/4 NE 1/4 Sec. 5
T. 20N N R. 3E E
S W

Static water level 8 ft.*
Pumping water level 30 ft.*
40 at gallons per minute.
measured minutes after pumping
began.

* Measured from ground level.

Well developed by **Bailor**

forhours.

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 _____

Driller's Address Hilligan Rd.

Great Falls, Montana

LICENSE NO. **135**

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]

147 Show exact depth of bottom

05735

5588

STATE OF MONTANA, } ss
County of Cascade.

I hereby certify that the within n.
summit was filed in this office on

JUL 2 1973

3:16

P.

J. L. L. L.

County of Cascade, Montana

J. E. Boleman

Deputy

File No.

T 20N R 3E

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

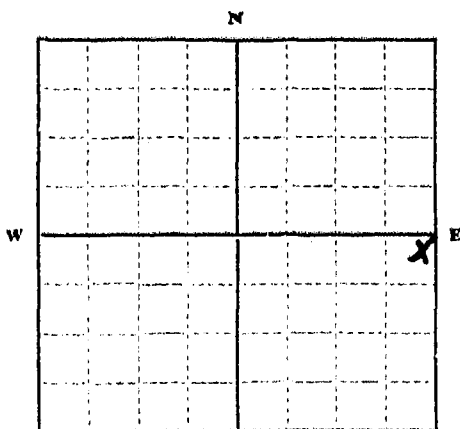
(Elev. above sea level 3460)0 to 4 ft Loam4 - 23 Sandy Silt23 - 160 Silt160 - 164 Sand & Silt164 - 165 water gravel165 - 168 water sand rockwater filled up to15 ft from topOwner Joe Hepp Herman Hepp Address P.O. Box 568 Great FallsDriller E.D. Rafferty Address 927 - p Thore S.W. Great Falls, Montana

Date of Notice of Appropriation of Groundwater

Date well started May 24 - 62 Date Completed May 31 - 62Type of well drilled Equipment Used Key Stone Churn
(dug, 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 Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>5 inches</u>	<u>5 inch</u> <u>14 lbs</u> <u>per ft.</u>	<u>0</u>	<u>166</u>	<u>casing driven</u> <u>open end to top</u> <u>of sand rock</u>		

NE 1/4 Sec. 6 T 20N R 3E

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

168
Show exact depth of bottom.Static Water Level for non-flowing Well 15 ft from top feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 18 feet at 24 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Boiler Length of Test 1 hour

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

Driller's License Number #28Driller's Signature E.D. Rafferty

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

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

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

STATE OF FLORIDA
County of ...

I HEREBY CERTIFY THAT THE ...
... HAS BEEN ...

DEC 21 1962

2:46

J. E. ...
County Clerk

By

[Signature]
Deputy

#3220

File No.

T. R.

DUPLICATE

LOG

MONTANA DEPARTMENT OF REVENUES BOARD
RECEIVEDCounty CascadeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 3060)

0 to 1 ft loam

1 to 22 Silt

22 to 80 coarse sand
and silt

80 to 101 Silt

101 to 135 hard silt

135 to 231 Silt

231 to 247 Sand and
fine gravelWater filled up to
15 ft from topNotice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

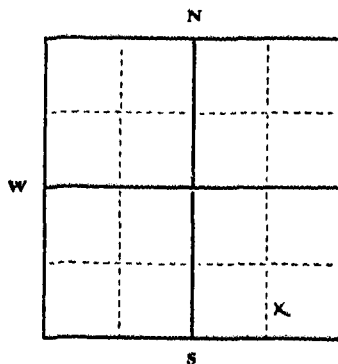
Owner Russell Wenglick Address 221 West
Front St., Mont.Driller E. D. Rafferty Address 927 10 Ave S. W.

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

Date well started JULY 9, 1969 Date completed JULY 20, 1969Type of well drilled Equipment used Churn drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 inch	5 1/2 inch O. D. 14 lbs per foot	0	247	casing driven open and into gravel		

SE 1/4 Sec. 6 T. 20N R. 3E
Indicate location of well and
place of use, if possible. Each
small square represents 40
acres.Static Water Level for non-flowing well
15 feet from top feet.Shut-in Pressure for Flowing Well N/APumping Water Level 30 ft from top feet
at 40 gal. per minute.Discharge in gal. per min. of flowing well
N/AHow Tested BailerLength of Test two hoursRemarks: (Gravel packing, cementing, pack-
ers, type of shutoff) none

(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.# 28
Driller's License NumberE. D. Rafferty
Driller's Signature

45536

5181

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within instrument was filed in this office on

AUG 11 1969

Date

at 9:15 o'clock PM

J. L. LENNON

County Clerk and Recorder

By R. E. Baleman Deputy

File No. _____

MONTANA WATER RESOURCES BOARD

T. 20 N., R. 3 E., S. 22

DUPLICATE

RECEIVED

County Cascade

LOG

SEP 11 1967

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level 3450)

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

0 to 31 ft. Sandy Silt

31' to 31'2" gravel (water) (Under Chapter 237 Montana Session Laws, 1961, as amended)

31'2" to 60' loose sand Owner Donald J. Wilson Address Rural Route 1 Box 124

60' - 64' Silt

Driller E. D. Rafferty Address 927-10th Ave. S.E. St. Paul, Mont.

64' - 94' Loose Sand

Date of Notice of appropriation of groundwater Jan. 20, 1966

94' - 98' Silt

Date well started Sept. 20, 1966 Date completed Oct. 20, 1966

98' - 100' Sandy Silt

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

100' - 164' Silt

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

164' - 198' Sand, Silt

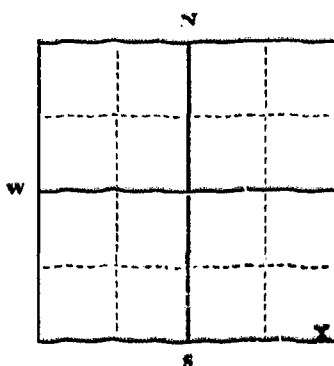
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

198' - 198'5" Gravel

198'5" - 220' Red Shale

220' - 221 Sand Rock w/
WaterWater filled up to
90 feet from top.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 inch	5 1/2" O.D. 17 lbs. per ft.	0	205	casing driven open end to top of sand rock		
	4 1/2" O.D. 12 lbs. per ft.	0	220			



SEE 1/4 SEC. 6, T20N R3E.
Indicate location of well and
place of use, if possible. Each
small square represents 40
acres.

Static Water Level for non-flowing well
20' from top.

Shut-in Pressure for Flowing Well N.A.

Pumping Water Level 25' from top
at 15 gal. per minute.Discharge in gal. per min. of flowing well
N.A.

How Tested Bailor

Length of Test Two Hours

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

(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).

221 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.

2B
Driller's License Number

E. D. Rafferty
Driller's Signature

42,292

5040

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
SEP 5 1967

Date

at 9:00 o'clock A.M.

J. L. LENNON

County Clerk and Recorder.

By

[Signature]

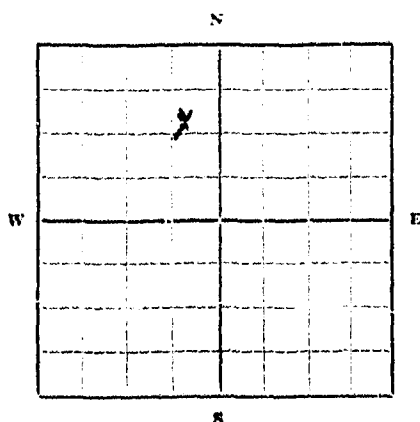
Deputy:

File No.

DUPLICATE

T. 20N R. 3E
County CascadeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERDeclaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Joe Hepp Herman Hepp of P.O. Box 68 Great Falls
 (Name of Appropriator) (Address) (Town)
 County of Cascade State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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

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

2. The beneficial use on which the claim is based Domestic Stock Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been (1956 Spring)
Well is used steady in summer time and as standby for other well
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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 gardens lawn & wind break
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 Spring 1956
8. The depth of water table 50 ft from 0
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 6 inch casing
depth 152 ft
10. The estimated amount of groundwater withdrawn each year 3,456,000 gal
11. The log of formations encountered in the drilling of each well if available 0 to 8 ft silt
8-10 Red Shale 10-21 Grey Shale 21-28 Red Shale
28-35 Grey Shale 35-75 Red & Grey Shale Water 83 ft
75-95 ft Sandy Grey Shale 95-143 Grey Shale 143-148 Sand Rock
148-152 Red & Grey Shale
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 December 5, 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 Quadruplicate for the Appropriator.

#3221

STATE OF CALIFORNIA
Department of Corrections
Institution for Men, State Prison
Folsom, California

DEC 21 1962

246

8

John

Deputy

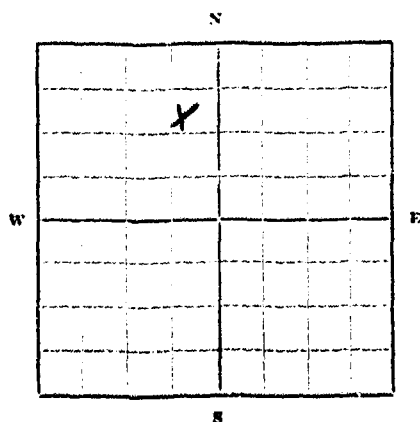
File No.

DUPLICATE

T20N R3E
County CascadeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. Joe Hepp Herman Hepp of P.O. Box 568 Great Falls
 (Name of Appropriator) (Address) (Town)
 County of Cascade State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NW 1/4 Sec. 8 T20N R3E

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

2. The beneficial use on which the claim is based Domestic Stock Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1921
continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 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 1 1/2 Acres garden's & windbreak
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 June 1921 Have no other record
8. The depth of water table 20 ft from 0
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 6 inch casing
depth 90'
10. The estimated amount of groundwater withdrawn each year 4,380,000 gal.
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None known

Signature of Owner

Date December 5, 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 Quadruplicate for the Appropriator.

STATE OF MONTANA,
County of Cascade.

3222

I hereby certify that the within is
the number of _____ in this office as

DEC 21 1962

2:48
J. L. [unclear]
[unclear]
By B. L. [unclear]
[unclear]

County.....**Cascade**

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 F. W. & M. I. Sorensen

Address: Box 288

.....Great Falls, Montana

Date well started April 15, 1958

completed April 20, 1958

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

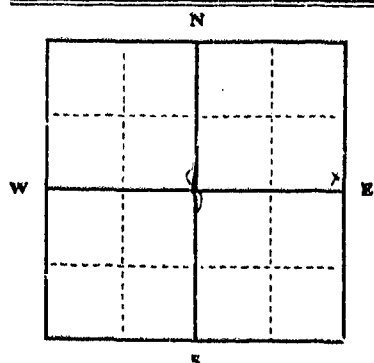
Industrial ☐ Drainage ☐ Other ☐* Garder/Lawn ☒

***Describe**

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 inch	5 $\frac{1}{2}$ O.D. 14 lbs. per ft.	0	79	Slots 1/8 x 10"	70	73



Static water level 34 ft.*
Pumping water level 30 ft.*
at 14 gallons per minute,
measured 30 minutes after pumping
began.

*Measured from ground level.

Well developed by **bell**ing

for one hours.

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

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

S.E. 1/4 N.E. 1/4 Sec. 8
T. 20 (N) R. 3 (E) 14th St.
S W

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

Driller's Signature *E. D. Rafferty*

Driller's Address 927-10 Ave. 15, N

LICENSE NO. 28

DRILLER'S LOG

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

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0	2	Loam
2	40	Boulders & silt
40	73	Sand & fine gravel
73	85	Red shala
85	92	Gray shale
		Water from 70 to 73 ft.

Show exact depth of bottom

59,736

5380 1/2

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

JUN 8 1972

Date

at 12:00 o'clock noon

J. L. LERSON

County Clerk and Recorder

By

J. L. Lerson
Deputy

File No.

DUPLICATE

E. $\frac{1}{2}$ Section 9 Lot 7 Irish Acres Addition

Route 1 South of Great Falls, Montana

County CascadeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

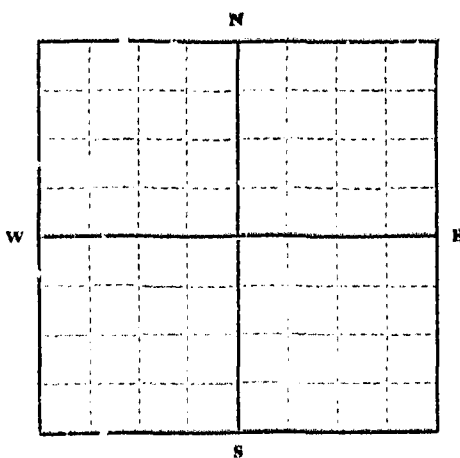
(Elev. above sea level.....)

0 to 3 ft. Top soil
 3 to 20 ft. tan clay
 20 to 40 ft. Fine silt
 40 to 69 ft. shale
 69 to 72 ft. rock
 72 to 75 ft. sandstone
 75 to 98 ft. gravel

Owner Arthur Korin Address Route 1 SouthDriller Soennichsen Drilling Co. Address 2300-13th St. So.
Great Falls, Mont.Date of Notice of Appropriation of Groundwater July 13, 1962Date well started July 6, 1962 Date Completed July 13, 1962Type of well Drilled Equipment Used Rotary
(dug, 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 Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 $\frac{1}{4}$ "	4 $\frac{1}{2}$ " O.D.	0	95	none		
Cemented top to bottom between dirt and casing						



$\frac{1}{4}$ Sec. T R
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 35 Ft. feet.Shut-in Pressure for Flowing Well not flowingPumping Water Level 40 feet at 35 gal. per minute.Discharge in gal. per min. of flowing well not flowingHow Tested Pumped Length of Test 12 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)

Grouted with Cement from 0 to 98 ft.Driller's License Number 51

Arnold Soennichsen
 Driller's Signature

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

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

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

STATE OF MONTANA, } ss. #3193
County of Cascade

I hereby certify that the within in-
strument was filed in this office on
NOV 9 1902

at 12:10 o'clock P.M.

J. L. LENNON
County Clerk and Recorder

By B. Davis
Deputy.

County.....Jascano

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.

Richard A. and/or Connie E. Matsake
Owner _____ For Agent _____

Address St. 1 west

Great Falls, Ontario

Date well started 4-26-1972

completed 4-23-1972

Type of wellARISED

File

Equipment usedChurn drill

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

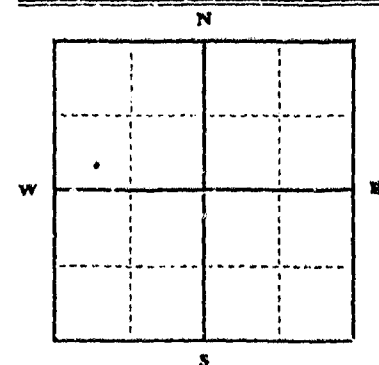
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

* Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6-5/8" 19	0	97	Not perforated		



Static water level35.....ft.*
Pumping water level30.....ft.*
at10.....gallons per minute,
measuredminutes after pumping
began.

*Measured from ground level.

Well developed by Bailer.

for 2 hours.

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

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

SW 1/4 NW 1/4 Sec. 9
T. 20N N R3. E
S W

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

Driller's Signature _____

Driller's Address 2112 7th Ave So

64-11119-11402f LICENSE NO. 135

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]

98 Show exact depth of bottom

59,725

Water Resources
Engineering Bureau
Groundwater Section
Sam W. Mitchell Building
Helena, Montana 59601

Owner Richard A. Matske
Address Rte. 1 W - Great Falls, 59401
Location T. 20N R. 3E Sec. 9
Doc. No.

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 groundwater right.

Special instructions:

Please provide the county filing information for the attached form.

Thank you.

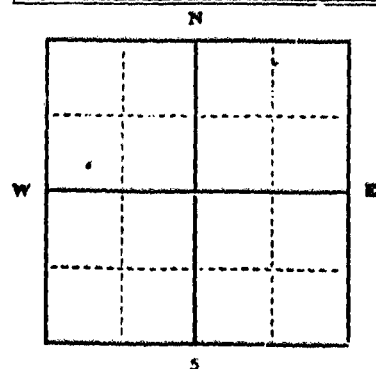
FILE NUMBER 5359
FILED - May 8 1972
TIME - 2:25 P. M.

Equipment (Churn drill, rotary or other)
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6-5/8" 1	0	27	1/2" - 1/4" 1		



Static water levelft.*
Pumping water levelft.*
atgallons per minute,
measuredminutes after pumping
began.
*Measured from ground level.
Well developed by
forhours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

1/4 Sec.
T. 20N R. 3E S. 9

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

Driller's Signature

Driller's Address

License No.

Show exact depth of bottom

59,725

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.

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 _____

Address 5.2 West

.....

Date well started 1-1-64

completed

Type of well

(Dug, driven, bored or drilled)

Equipment used _____

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

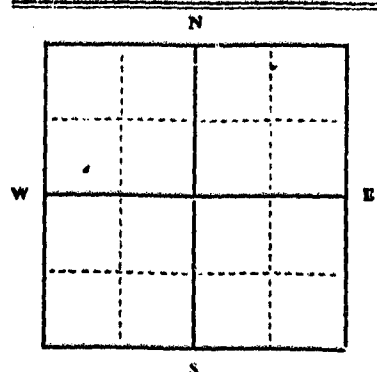
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

* Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6-5/8" 1	0	37	1st Perforation	0	1



Static water levelft.*
Pumping water levelft.*
atgallons per minute,
measuredminutes after pumping
began.

*Measured from ground level.

Well developed by 11/12/57
for 2 hours.

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

.....¹/₄.....¹/₄ Sec.....
T.....201..... N R3..... E
 S W

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

Driller's Signature [Signature]

Driller's Address 5012 7th Ave

64-1616-10000 LICENSE NO. 223

Top of Ground

(Elev. above sea level)

[illegible]

Show exact depth of bottom

59 725



8

File No. 5337
Filed for record
this 2nd day of MAY
A. D. 19 74, at 2:25
o'clock P M.

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 20 N., S. 9, R. 3 E

County Cascade

WATER WELL LOG

Owner Mike Pipella Address 2720 1st Ave. N.W.
 Driller H.M. Franklin Address Rte. 2 South, Butte
 Date Started Dec. 10, 1958 Date Completed Dec. 17, 1958
 Location: Sec. 9 T. 20 N. R. 3 E 1/4 sec.

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

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

Casing: tap ft. to 100 ft. Type oil well Size 5" 13 lbs. per ft.

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

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

Perforated or Screened: Ft. Open end to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: 12 ft. from surface feet.

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

Pumping water level 35 ft. feet at 30 gals gal. per min.

How tested: Bailer

Length of test: 2 hrs.

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

There has been chlorinated

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
Top	100 ft	Glacier drift - 75 ft. pipe 5 ft. in gravel and sand with water.

JAN - 9 1959

1148

J. H. Korman

File No.

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

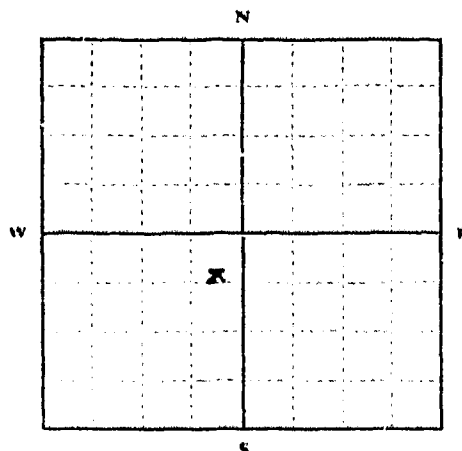
1. **Robinson Brothers Feed Lot**
(Name of Appropriator)

, of **P. O. box 1248** **Great Falls**
(Address) (Town)

County of **Cascade**

State of **Montana**

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 9 T. 20 R. 3E

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

2. The beneficial use on which the claim is based **Watering Livestock and Household use**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1958 Continuously**

4. The amount of groundwater claimed (in miner's inches or gallons per minute) **100 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 **Lawns and shrubbery**

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 **1958**

8. The depth of water table **50 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 1/2 inch casing and 140 feet depth**

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

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 **Unknown**

Signature of Owner

Date

12/11/63

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

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

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

12970

3643

RECEIVED
JUN 10 1968
at 3:17 P.
By [Signature]

File No.

T 20 R 3

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

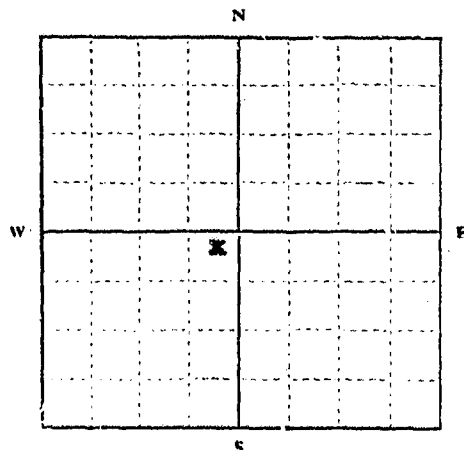
RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1. **Robinson Brothers Feed Lot**, of **Great Falls, Montana** P. O. **1245**
(Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec. 9 T. 20 R. 3E

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 **Livestock and household use** **Watering and**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1930** **continuously**

4. The amount of groundwater claimed (in miner's inches or gallons per minute) **100 gallons 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

Lawns and shrubbery

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 **1930**

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 and 60 foot depth**

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

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 **Unknown**

Signature of Owner *George H. Robinson*

Date **12/10/63**

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

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

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

12971

3644

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 20 1900

at 3:18^{PM} o'clock P. M.

J. E. MEHREZ
County Clerk and Recorder

By *[Signature]* Deputy.

File No.

T. 20 R. 3E

DUPLICATE

County Cascade

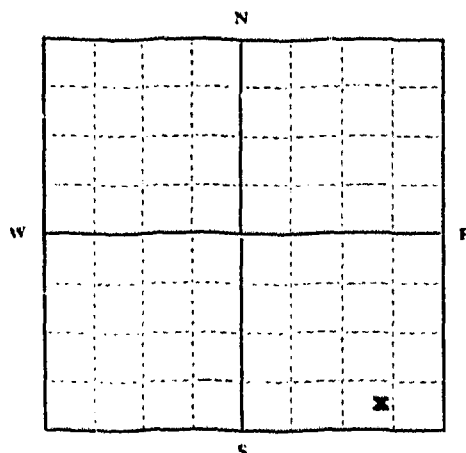
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 15 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lillian M. Sandbeck, of 2719 Central Ave. West, Great Falls
(Name of Appropriator) (Address) (Town)
County of Cascade State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 9 T. 20 R. 3E

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 each summer since about June 15, 1960.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 A portion of an acre and a third - lawn and shrubs
Lillian M. Sandbeck
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Meyers pump - there is a sand point installed.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 10th approximately - commencement. June 15, 1960 completion
8. The depth of water table 16 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 not applicable
10. The estimated amount of groundwater withdrawn each year 350,000 gallons approximately
11. The log of formations encountered in the drilling of each well if available not applicable
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 not applicable

Signature of Owner Lillian M. Sandbeck

Date December 30, 1963

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

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

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

28232

4244

STATE OF MONTANA, ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 31 1968

Date

at 9:44 o'clock P.M.

J. E. LEMMON

County Clerk and Recorder.

By

J. J. Johnson

Deputy.

RECEIVED

County Cascade

9

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

AUG 14 1972

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 Daniel T. and/or Pauline A. Sauterson

Address Sundiver Rd. Rt. 41

Great Falls, Montana

Date well started 7-6-1972

completed 7-6-1972

For Administrator's Use

File 5389

July 19, 1972 1:30 p.m.

GW 1

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

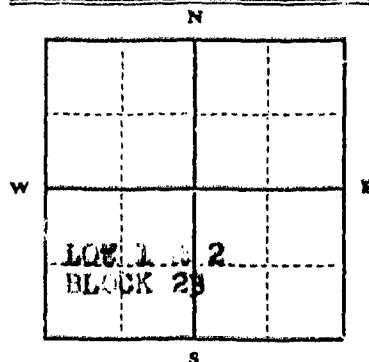
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6-5/8"	0	52	NOT PERFORATED		



Static water level 35 ft.*
Pumping water level 50 ft.*
at 25 gallons per minute,
measured minutes after pumping
began.
*Measured from ground level.
Well developed by bailer
for 1 hours.
Power Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

Sec. 14 T. 20N R. 3E
S W

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

Driller's Signature

Driller's Address 2112-7th Ave. South

Great Falls, Montana

LICENSE NO. 135

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	10	Broken sandstone
10	16	Gravel gray clay
16	20	soft gray shale
20	30	gray clay
30	35	brown sandstone (seep)
35	42	gray shale & clay
42	46	brown sandstone
46	52	black sandstone w. tar
52	53	gray shale

53 Show exact depth of bottom

5/129

5389

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

JUL 19 1972

Date

at 1:30 o'clock P M

J. L. LENNON

County Clerk and Recorder.

By

J. S. Wilson

Deputy.

File No.

T. 20N R. 3-E.

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 9 1964

Notice of Completion of Groundwater
Appropriation by Means of Well

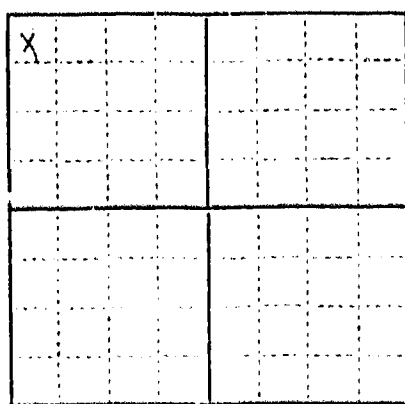
(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level 3460)0 to 12 ft - Sandy silt12 - 15 quick sand15 - 222 silt222 - 237 - Sandy silt237 - 244 coarse gravel244 - 246 gravelwater filled to 12 ft
from topOwner Ralph Percy Wilkinson Address 27 N. W. Great Falls, Mont.Driller E. D. Rafferty Address 927 - 10th St. N. Great FallsDate of Notice of Appropriation of Groundwater none filedDate well started Nov - 8 - 62 Date Completed Dec - 15 - 62Type of well Drilled Equipment Used Churn drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☐ Municipal ☒ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐
commercial

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>5 1/2" well</u>	<u>5 1/2" O. 20</u> <u>14# per ft.</u>	<u>0</u>	<u>246</u>	<u>saving down</u> <u>into gravel.</u>	<u>open and</u>	



N. 1/4, W. Sec. 9, T20N, R3-E.

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

246 ft.
Show exact depth of bottom.Static Water Level for non-flowing Well 12 ft from top feet.Shut-in Pressure for Flowing Well none flowingPumping Water Level 20 ft from top feet at 50 gal. per minute.Discharge in gal. per min. of flowing well none flowingHow Tested Bailer Length of Test 1 hr

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

commercial#28
Driller's License NumberE. D. Rafferty
Driller's Signature

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

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

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

27854

3866

STATE OF MONTANA. } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 27 1963

at _____ o'clock _____ M.

J. L. LENNON
County Clerk and Recorder.

By E. J. Hartman Deputy.

WELL # 3

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T 20N R 3E

DUPLICATE

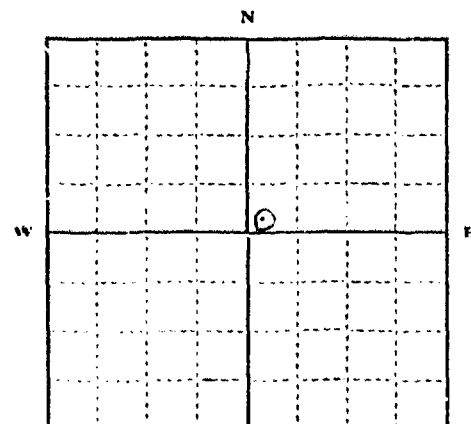
County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Great Falls Breweries, Inc. of 410 - 14th Street S. W. Great Falls,
(Name of Appropriator) (Address) (Town)
County of Cascade State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 4 NE 10 S 20N 3E

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 For Coolers and Ammonia Condensers
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 19, 1955 - Continuous - In use now
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Began July 8, 1955 Completed July 18, 1955
8. The depth of water table 35'
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 Deep Well - 8" Cased Well - 218' Deep
10. The estimated amount of groundwater withdrawn each year 52,560,000 gal.
11. The log of formations encountered in the drilling of each well if available 20' Gumbo 165' Sand and Gravel 28' Sand and Gravel with Water
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

GREAT FALLS BREWERIES, INC.

Date December 26, 1963

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

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

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

27812

3823

STATE OF MONTANA, }
County of Cascade. }

I hereby certify that the within in-
strument is and in this office on
DEC 27 1962.

11:49 o'clock _____ M.

J. L. LANNON
County Clerk and Recorder.

By  Deputy.

WELL # 1

GV

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T. 20N R. 3E

DUPLICATE

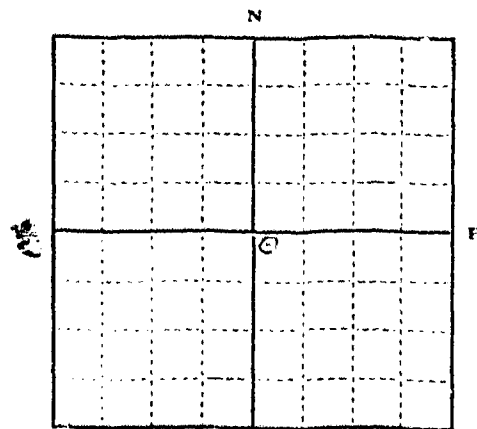
County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Great Falls Breweries, Inc., of 410 - 14th Street S. W. Great Falls
(Name of Appropriator) (Address) (Town)
County of Cascade State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 4 SE 10 20N 3E
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 For Coolers and Ammonia Condensers
 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. December 28, 1944 - Continuous - in use now
 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 105 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 Not applicable
 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 Began December 1, 1944 - Completed December 27, 1944
 8. The depth of water table 35'
 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 Deep Well - 8" Casad Well - 222' Deep
 10. The estimated amount of groundwater withdrawn each year 9,540,000 gal.
 11. The log of formations encountered in the drilling of each well if available. 10' Sandy Clay 30' Brown Sand 45' Fine Sand and Clay 100' Clay and Gumbo 10' Coarse Gravel cemented in Red Clay 15' Coarse Brown Sand and Gravel with Water 12' Brown Sandstone capped with light pinkish 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. None
- Signature of Owner E. J. [Signature]
GREAT FALLS BREWERIES, INC.
Date December 26, 1963

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

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

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

27813

3824

STATE OF MONTANA)
County of Cascade) ss.

I hereby certify that the within instrument was filed in this office on

DEC 27 1952

11:49

J. L. LITTON

County Clerk

By

J. J. Lohman
Deputy