



T. 2 R. 2  
County Jefferson

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner USDA - Forest Service Address Helena, Montana

Driller Walter Riddock Address 655 North Rodney  
Helena, Montana

Date Started June 1955 Date Completed July 1955

Location: Sec. 4 T. 8N R. 2W 1/4 sec. NE 1/4 NW 1/4

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: Domestic use at public campground

Casing: 0 ft. to 20 ft. Type steel Size 8"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 19 to ft. 20 Ft. to ft.

Type of screen or perforations steel

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

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

Pumping water level Hand Pump feet at gal. per min.

How tested:

Length of test:

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

(over)



STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
**NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL**  
Developed after January 1, 1962

**DRILLER'S LOG**

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

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

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

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

Owner Al Yurdic  
Address 515 1st St  
Helena, Montana 59601  
Date well started June 19, 1972  
completed June 21, 1972

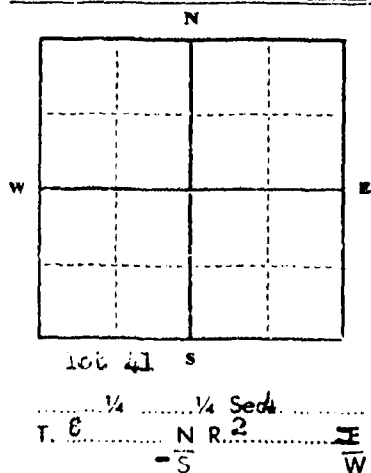
For Administrator's Use	
File	<u>98731</u>
	<u>JUNE 21, 1972</u>
	<u>GW 1 10:00 AM</u>

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"	iron pipe	0.0'	21.0'			
5"	plastic pipe	13.0'	33.0'			



Static water level 18.0 ft.\*  
Pumping water level 2.5 ft.\*  
at 2.5 gallons per minute,  
measured 1 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by boiling  
for 1 hours.  
Power          Pump          HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

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

Driller's Signature Donald Miller

Driller's Address 225 1st St, Helena, Mont

Helena, Montana 59601 LICENSE NO. 225

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0.0'	15.0'	<u>Brown sandy gravels subrounded</u>
15.0'	18.0'	<u>Brown clayey sandy gravel</u>
18.0'	21.0'	<u>Brown clayey sandy gravel lenses</u>
21.0'	33.0'	<u>bedrock, granite water contact 21.0' flow 2.5 gpm</u>
33.0'		<u>Bottom of hole</u>

0.0' Show exact depth of bottom

98737

County of Montana  
Recorded the 8 day of June  
1973 at 10 o'clock A.M.  
James P. McFarlane  
County Recorder

By Carla A. Mallack  
Deputy



48894

Ward A

RECORDER'S OFFICE  
Jefferson County, Montana  
Filed for record this 29 day of June  
A. D. 1973 at 3:40 o'clock P. M.  
*James J. McKeel*  
County Recorder





File No. \_\_\_\_\_

T. \_\_\_\_\_ R. \_\_\_\_\_

DUPLICATE

**RECEIVED**  
LOG DIVISION OF ARCH. & ENGR.

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

County Jefferson

Top of Ground OCT 20 1969  
(Elev. above sea level \_\_\_\_\_ Helena, Montana)

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

DEVELOPED AFTER JANUARY 1, 1962

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

0 - 3' loose silty sand  
some clay

Owner \_\_\_\_\_ Address \_\_\_\_\_

3 - 25' firm sandy clay  
some silt

Driller Price well Drilling Address Clancy, Mont.

25 - 27' loose sharp gravel  
very silty

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started Oct. 2, 1969 Date completed Oct. 5, 69

27 - 31' firm decomposed  
granite, some  
gravels

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

31 - 36' firm decomposed  
granite

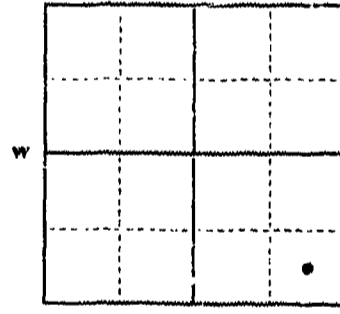
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

36 - 38' very hard  
granite

25 - 27' considerable  
water, very  
silty

31 - 38' water, no  
definite strata  
water percolating  
thru out 31-38'  
area

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8"	0	37	mills knife perforators		
	one ft. open hole	37-38'		2 1/2" long 1 1/2" wide	31	37



Static Water Level for non-flowing well 15 feet.

Shut-in Pressure for Flowing Well 26

Pumping Water Level \_\_\_\_\_ feet  
at 20 gal. per minute.

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

How Tested baller

Length of Test 2 hrs.

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

SE 1/4 Sec 2 T 7N R 4W  
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).

Three copies to be filed by the owner with the 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.

171  
Driller's License Number

Robert Price  
Driller's Signature

45963

92019

17 October  
1911  
Alta Mission  
20

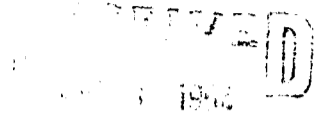
Form No. 4  
Title No. ....

T. .... R. ....

MINERAL DUPLICATE

County. ....

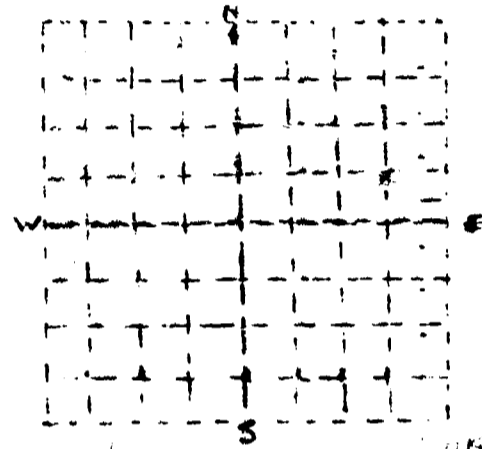
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



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

....., of.....  
(Name of Appropriator) (Address) (Town)

County of ..... State of .....  
has appropriated groundwater according to the Montana laws in effect prior to Jan-  
uary 1, 1962, as follows:



...../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.....
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
- 8. The depth of water table.....
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
- 10. The estimated amount of groundwater withdrawn each year.....
- 11. The log of formations encountered in the drilling of each well if available.....
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner.....

Date.....

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 Bureau of Mines & Geology; and Quadruplicate for the Appropriator.

1948

83198

RECEIVED  
DEC 30 11 30 AM '63  
A. J. [Signature]  
Fees: 2.00

File No. ....

T. ... R. ....

DUPLICATE

County. ...

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

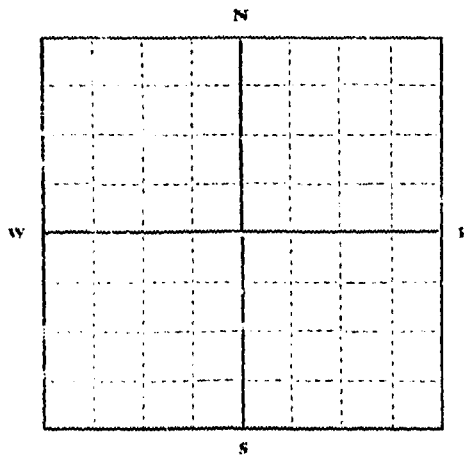
1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Victor Miskovich, of Box 2 Corbin  
(Name of Appropriator) (Address) (Town)  
County of Jefferson 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.

I own Lots 1 thru 4, Block 1, Ashbrook Addn. to Town of Corbin; Well is on Lot 1.

- 2. The beneficial use on which the claim is based Home use and irrigation of lawn.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1924; used continuously as above.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) Could possibly pump at least one (1) gallon per minute.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Only irrigation is for lawn and flowers.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Jet pump located just north of house.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Dug in 1924 and used until 1953 when well went dry; was dug deeper to depth of 65 ft. in 1953.
- 8. The depth of water table 40 ft., approximately
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch well, depth, 65 ft.
- 10. The estimated amount of groundwater withdrawn each year Approximately 7000 gal. per year.
- 11. The log of formations encountered in the drilling of each well if available Dug through bedrock; no other log formations available.
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner .....

Date Jan. 7, 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.

19619

83394

RECORDERS OFFICE  
Jefferson County, Montana  
Filed for record this 2 day of Jan  
D. 19 64 1030 A.  
Fees: \$ 2.00

GW 4  
File No.....

T. <sup>7</sup> R. <sup>4</sup>  
County Jefferson

ORIGINAL DUPLICATE

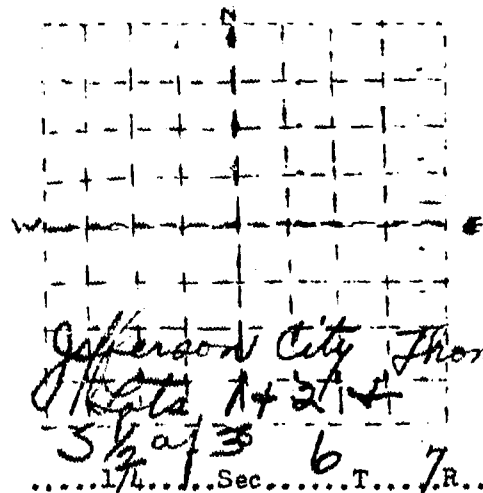
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 2 1964

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

George Malton ..... of Jefferson City Mont  
(Name of Appropriator) (Address) (Town)

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



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

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

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

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

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

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater..... not known

8. The depth of water table..... 20 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..... brush consumption 7.0 depth

10. The estimated amount of groundwater withdrawn each year..... 109,500 to 200,000 gal per year

11. The log of formations encountered in the drilling of each well if available..... not known

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record..... not known

Signature of Owner George Malton  
Date 12-30-63

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 Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator. 19476

thereto, as the appropriate... and...  
know: .....the contents of said foregoing notice and that the matters and  
things therein stated are true.

.....  
.....  
.....

Subscribed and sworn to before me, this \_\_\_\_\_ day of .....19..

.....  
Notary Public for the State of Montana

Residing at .....

My Commission expires....., 19...

83236

RECORDER'S OFFICE }  
Jefferson County, Montana }  
Filed for record this 30 day of Dec  
A. D. 1963 at 4:30 o'clock P.M.  
Davidson  
County Clerk

Form 2-42



# 4  
File No.....

DUPLICATE

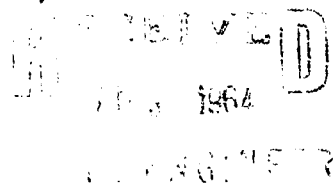
T.....*J. R. A. W.*.....

County.....*Jefferson*.....

STATE OF MONTANA

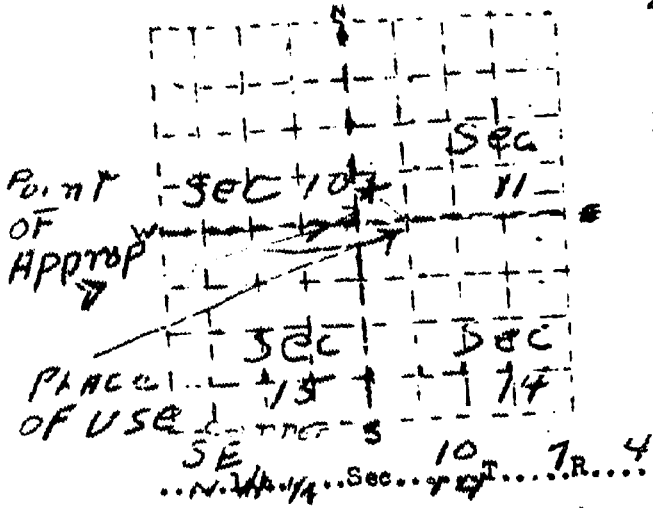
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER



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

1. *F. W. Bell*, of *Jefferson City*  
(Name of Appropriator) (Address) (Town)  
County of *Jefferson* State of *Montana*  
have appropriated groundwater according to the Montana laws 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... *H.A.V.S.E. A.M.D.*  
*15.7.10 H. 10000*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... *1.8.79*  
*1.77*  
*6.8.77 E.T.A.M.T. 656 TO DATE*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... *1.77 EXCESS*  
*P.F. 40.800. P.C.T. MIN. ESTIMATED*
- 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...  
*P.P.T.C.K. J. AGTS. 47. N.W. 1/4*  
*6 F. S.E. 14*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... *1/2 INCH 2 TUBES TO BED ROCK*  
*40 FT. STABILITY PIPE LINE INSTALLED SE CORNER OF SEC 10 1/4*  
*N.W. 1/4 SEC 14*
- 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... *10' - 14'*
- 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... *7 1/2 FT*  
*NEW 1/2 INCH 2 TUBES TO BED ROCK*  
*RESERVOIR 8 1/2 X 4 X 35*
- 10. The estimated amount of groundwater withdrawn each year... *1.29.60.00*
- 11. The log of formations encountered in the drilling of each well if available...  
*NOT DRILLED TYPE P.F. RECAVING*
- 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. *F. W. Bell*

Date.....

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 Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator.

83233

RECORDER'S OFFICE }  
Jefferson County, Montana }

Filed for record this 30 day of Dec.

1963, 3 o'clock P.M.

Alvin M. Davidson  
County Clerk

Fee, \$ 2.00

File No. ....

T. 7 North R. 4 West

~~XXXXXXXX~~ DUPLICATE

County Jefferson

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

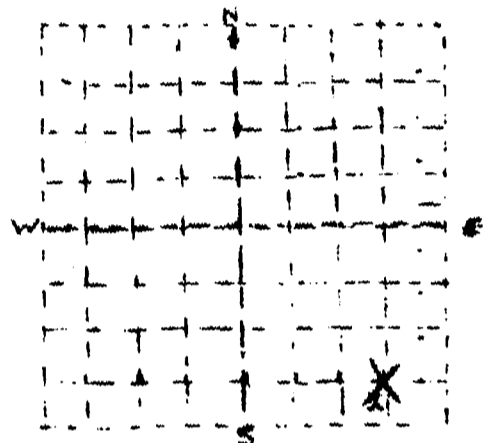
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1962

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

1. *Albert A. Erickson*, of *Jefferson City*,  
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec 23 T7N R4W

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.....  
*stock water; irrigation and domestic*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
*1870 continuous*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
*80 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.....  
*lawn, garden, hay land 10 acres*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
*an open cut 12 feet deep to underground spring*
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
*1870*
- 8. The depth of water table *10 feet*
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
- 10. The estimated amount of groundwater withdrawn each year.....
- 11. The log of formations encountered in the drilling of each well if available, ...  
*none 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 *Albert A. Erickson*

Date *December 30, 1962*

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

19447

83197

RECORDERS OFFICE

(County of ...)

Record this 30 day of Dec

1912

John W. Anderson

Fees \$ 2.00

File No. ....

T. 7 R. AW  
County Jefferson

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

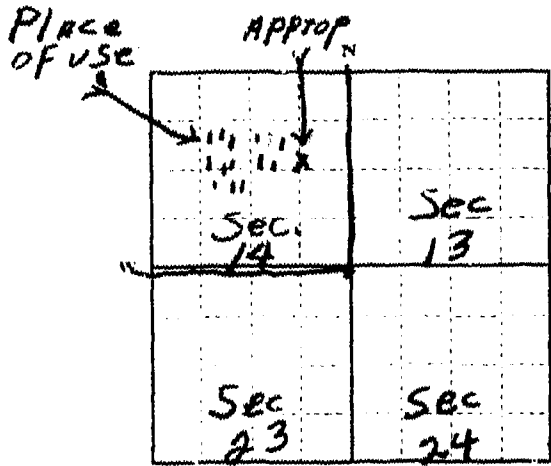
Date of Appropriation of Groundwater June 12  
Owner F. W. Bell Address Jefferson City  
Contractor (if any) Glen Jenkins  
Address of Contractor Glancy Mont.  
Date Started June 10 Date Completed June 12

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Trenching & Digging of spring & making reservoir in gulch. approx. 18" to water

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

estimate approximate lengths of periods of use approx. 3 mo period of use. Water measured with pipe in outlet of reservoir. Estimated to be approx. 20 miner inches

Signature of Owner F. W. Bell  
Date Dec 30 1963



NE 1/4 NW Sec 14 T. 7. R. 4  
Indicate point of appropriation and place of use, if possible.

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

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

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

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

83231

RECORDER'S OFFICE  
Jefferson County, Montana)  
Filed for record this 30 day of Dec  
A. D. 1963 312 Street P.  
W. M. Sanders  
County  
Fee, 2.00

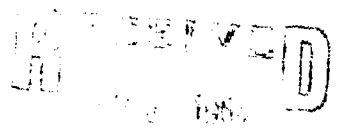
File No. ....

T. 7 R. 4 W

DUPLICATE

County Jefferson County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



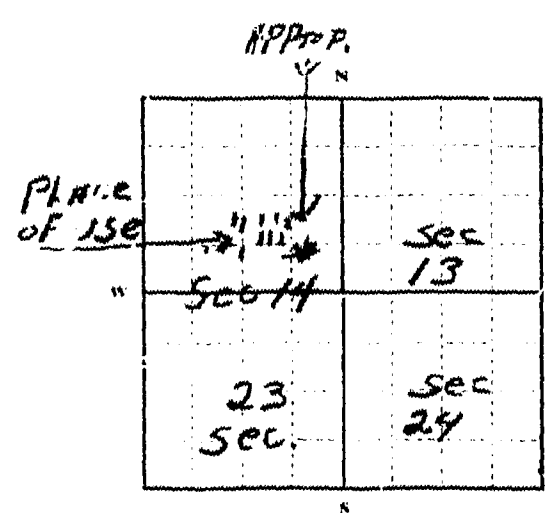
**Notice of Completion of Groundwater Appropriation  
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 14  
Owner F. W. Bell Address Jefferson City  
Contractor (if any) Glen Jenkins  
Address of Contractor Clancy Mont.  
Date Started June 13 Date Completed June 14

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Trenching & Digging of springs & making reservoir in gulch. Approx 6" to water

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Approx 3 mo period of use. Water measured with pipe in res. outlet. Estimated to be approx. 28 miners inches  
Signature of Owner F W Bell  
Date Dec. 30 1963



NE 1/4 NW Sec. 14 T. 7. R. 4. W  
Indicate point of appropriation and place of use, if possible.

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

83232

RECORDER'S OFFICE }  
Jefferson County, Montana }  
Filed for record this 30 day of Dec  
A. D. 1963 at 316 o'clock P.M.  
By Ann D. [Signature]  
Page 2





98860

RECORDER'S OFFICE } ss.  
Jefferson County, Montana }  
Filed for record this 27 day of June  
A.D. 1973 at 4:55 o'clock P.M.  
James P. McFarland  
County Recorder  
Fees \$2.00

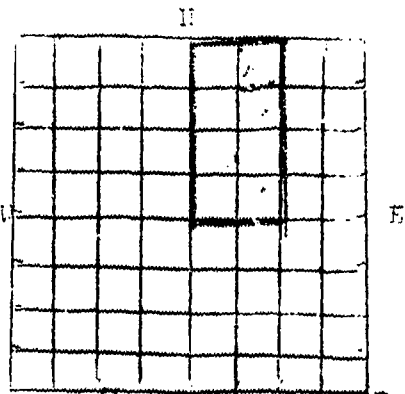
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County SILVER BOW  
**R E C E I V E D**  
SEP 6 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 257, Montana Session Laws, 1961)

STATE ENGINEER

1. Meadow View Lodge, of 1813 Grant Avenue Butte, Montana  
(Name of Appropriator) (Address) (Town)  
County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec T 7 R 4  
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, Stock and Household Use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
\_\_\_\_\_
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
no inches
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
\_\_\_\_\_
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
spring and pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
\_\_\_\_\_
- 8. The depth of water table \_\_\_\_\_
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
\_\_\_\_\_
- 10. The estimated amount of groundwater withdrawn each year \_\_\_\_\_
- 11. The log of formations encountered in the drilling of each well if available  
\_\_\_\_\_
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
\_\_\_\_\_

Signature of Owner Meadow View Lodge  
[Signature]  
Date June 20, 1963

STATE OF MONTANA )  
COUNTY OF SILVER BOW ) ss

depose and say that Ray Peller having first been duly sworn, of lawful age and the owner of the land 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 20th day of June, 1963  
Notary public for the State of Montana, residing at [Signature] Commission expires 11/1/65

#24768

OF SILVER BOW. } ss.  
I hereby certify that the within instrument  
was filed at my office on the 26  
day of August A. D. 1913 at  
26 minutes past 12 o'clock P.M.  
Witness my hand  
WILLIAM T. DUCKHAM  
County Clerk and Recorder.  
By W. T. Duckham Sec

Form No. 1

T. 7N. R. 4W.

ORIGINAL DUPLICATE

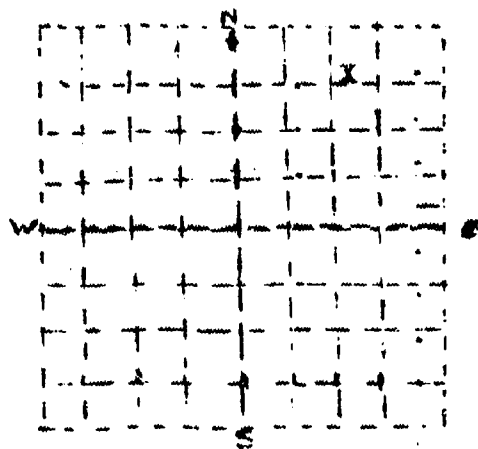
COUNTY.....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963  
STATE ENGINEER

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

1. Jesse Ray Dunks and Helen T. Dunks, of Wickes  
(Name of Appropriator) (Address) (Town)  
County of Jefferson State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to Jan-  
uary 1, 1962, as follows:



...NE1/4.21..Sec.7N...T.4W.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, lawn & irrigation.....

3. Date or approximate date of earliest bene-  
ficial use, and how continuous the use has  
been.....  
1890 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 and  
description of the lands to which water has  
been applied and name of the owner thereof.....  
two acres - Daley Estate.....

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

7. The date of commencement and completion of the construction of the well, wells,  
or other works for withdrawal of groundwater.....  
1890.....

8. The depth of water table.....  
34 feet.....

9. So far as it may be available, the type, size and depth of each well or the gen-  
eral specifications of any other works for the withdrawal of groundwater.....  
hand dug and rocked well; 3 feet in diameter, 65 feet 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..... Jesse Ray Dunks

Date..... December 27, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplic-  
ate to Montana Bureau of Mines & Geology; and Quadruplicate for the Appropriator.

14865

83152

RECORDER'S OFFICE }  
Huron County, Montana }  
Filed for record this 27 day of Dec.  
1963, 11:30 A.M.  
Alta M. Dawson  
Fees, \$ 2.00

File No. ....

T. **7N** R. **4W**

**DUPLICATE**

County **Jefferson**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

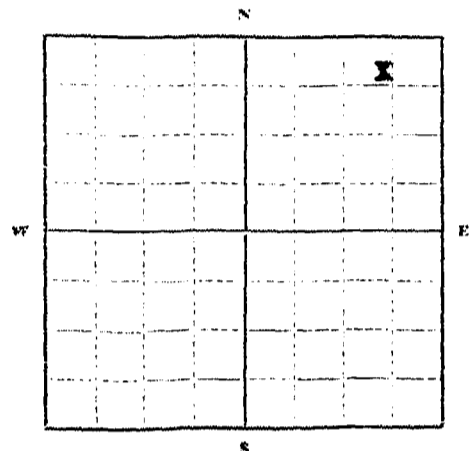
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **Edward Mackey & Celia Mackey** of **Wickes**  
(Name of Appropriator) (Address) (Town)  
County of **Jefferson** State of **Montana**

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



1/4 Sec. **21** T. **7N** R. **4W**

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...  
**1931 - continuous**

4. The amount of groundwater claimed (in miner's inches or gallons per minute)...  
**20 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...  
**eight acres - garden and pasture - Edward Makey - Ed Kyler**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...  
**A 300 gallon tank submerged underground; water from underground spring flows into tank and then out through 2 inch pipe; some overflow.**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...  
**1931**

8. The depth of water table... **4 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...  
**spring flowing from underground**

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 **Celia Mackey**  
Date **December 27, 1963**

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

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

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

83153

RECORDERS OFFICE  
COUNTY OF ...  
... 27 ...  
63 ... 1140 ... A ...  
*Alta M. Dawson*  
County ...  
Fees, \$ *2.00*





XXXXXX DUPLICATE

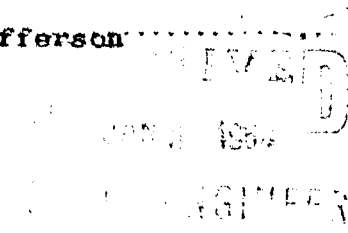
7N R. 3W

County Jefferson

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

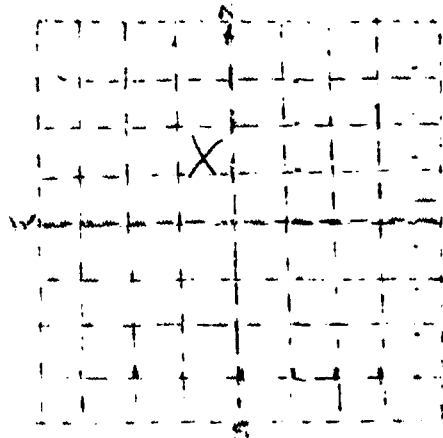
OFFICE OF STATE ENGINEER



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

1. Maurice J. Surch, of Jefferson City, (Name of Appropriator) (Address) (Town)

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



SE 1/4 NW Sec. 6 T. 7N. R. 3W.

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

2. The beneficial use on which the claim is based. Domestic, Service Station and Irrigation

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 200 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. Lawn 1 acre

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1944

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. Drilled well, 6 inch casing, 37 Feet deep

10. The estimated amount of groundwater withdrawn each year.

11. The log of formations encountered in the drilling of each well if available. none 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. Driller - Buster Swanson

Signature of Owner. [Handwritten Signature]

Date. December 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

19554

83322

RECORDERS OFFICE }  
Deer Creek County, Montana }

Filed for record this 31 day of Dec.

A. D. Johnson 2 1/2 P.

Fee \$ 2.00



File No. 175

T. 7N R. 3W

DUPLICATE

County Jefferson

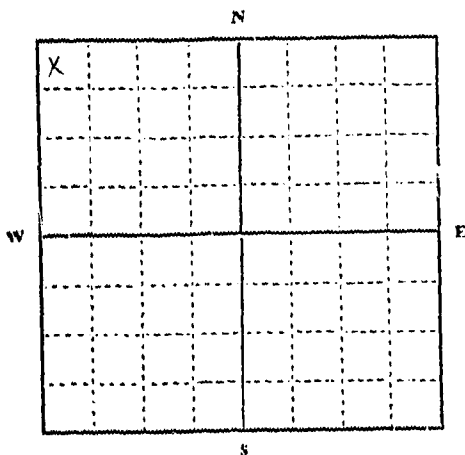
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arthur W. and Edith W. Madison of Jefferson City, (Name of Appropriator) (Address) (Town)

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



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

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

2. The beneficial use on which the claim is based Household use and water for livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well drilled approximately in 1955. Has been used continuously since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Five (5) 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 Not used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Withdrawn by hand pump. Well located 100 feet from residence.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well drilled approximately in 1955

8. The depth of water table Fifteen (15) to twenty (20) 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 with six (6) inch iron casing

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

11. The log of formations encountered in the drilling of each well if available Not known

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No previous reference in county records

Signature of Owner Edith W. Madison Date December 29, 1965

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.

40184

86/68

29 ille  
65 222 P  
Alta M. ~~Alta M.~~  
200

FD 4  
File No.....

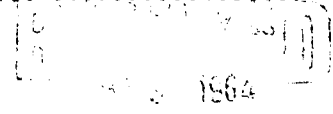
T. 1 P. 3  
County.....

~~XXXXXX~~ DUPLICATE

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

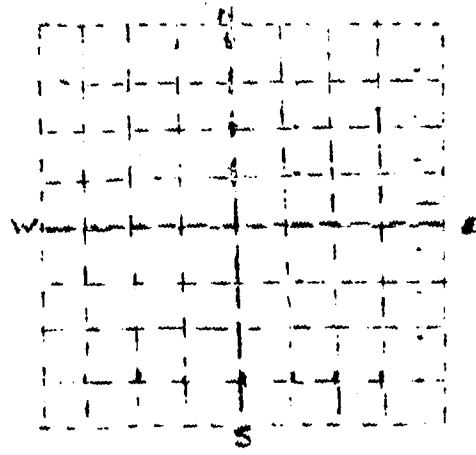
OFFICE OF STATE ENGINEER



DECLARATION OF VERIFIED GROUNDWATER RIGHTS  
(Under Chapter 23, Montana Session Laws, 1961)

1. .... RUSSELL & JANE TINTINGER, of ..... JEFFERSON CITY .....  
(Name of Appropriator) (Address) (Town) City

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



..... 1/4 ..... Sec. .... T. 4 ..... 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 for garden and lawn .....
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. .... well drilled about 1939 and used continually and in use at present time .....
- 4. The amount of groundwater claimed (in cubic inches or gallons per minute). .... 10 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. .... not used for irrigation, only garden .....
- 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. .... about 1939 .....
- 8. The depth of water table. .... 10 feet (static) .....
- 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 drilled well; 8 5/8" outside diameter; 1 1/2" casing; depth 40 ft. ....
- 10. The estimated amount of groundwater withdrawn each year. .... 255,000 gallons .....
- 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. .... Courthouse records, Book 2, Page 26, line 22. .... Office of County Treasurer. ....

Signature of Owner.... Jane Tintinger.....

Date... Dec. 31, 1963.....

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned. Original to the County Clerk and Recorder; Duplicate to the State Engineer; TriPLICATE to Montana Bureau of Mines & Geology, and Co-Duplicate for the Appropriator.

79567

83335

RECORDERS OFFICE }  
Jefferson County, Montana }  
Filed for record this 31 day of Dec  
A. D. 1963 328 o'clock P  
Chas. M. [unclear]  
Fees, \$ 2.00



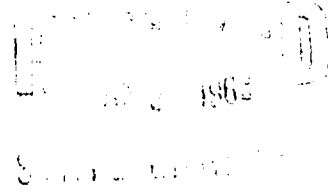
GW 4  
File No.....

T.....R.....

DUPLICATE

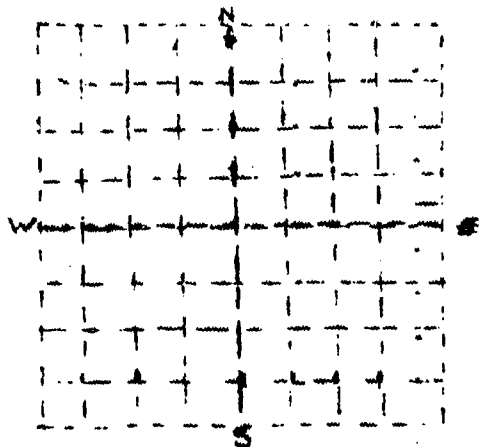
County...JEFFERSON.....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



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

1. ~~RUSSELL & JAMES BENNINGER~~....., of.....~~JEFFERSON CITY~~.....  
(Name of Appropriator) (Address) (Town)  
County of ~~JEFFERSON~~.....State of ~~MONTANA~~.....  
have appropriated groundwater according to the Montana laws in effect prior to Jan-  
uary 1, 1962, as follows:



.....1/4.....Sec. 5...T. 1...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 and for garden and lawn.....
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....well drilled about twenty years ago and has been in continuous use.....
- 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.....not used for irrigation.....
- 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.....drilled about twenty years ago.....
- 8. The depth of water table....10 ft. (Static).....
- 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 available.....
- 10. The estimated amount of groundwater withdrawn each year.....655,000 gallons.....
- 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.....Court house records Book 2, page 261, line 19.....

Signature of Owner.....*James Benninger*.....

Date.....*August 27, 1963*.....

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.  
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

19568

83336

RECORDER'S OFFICE }  
Jefferson County, Montana }

Filed for record this 31 day of Dec.

A. D. 1943 303 o'clock P.

Alta M. Hamilton

Fee, \$ 2.00

File No. ....

T. W. R. ...

DUPLICATE

County Hill

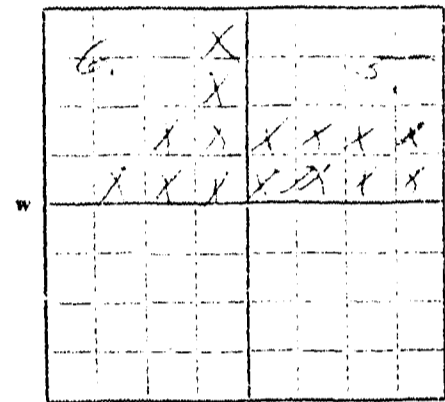
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James Bonapart & P. T. Pollock  
(Name of Appropriator) of ... (Address) ... (Town)

County of Hill 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 For legal use, in accordance with Domestic Reported...
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1900 A.D. ...
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). I 20 gpm min II 40 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. Owner James Bonapart & P. T. Pollock ...
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Using ...
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. I 1899-1900
- 8. The depth of water table. I 1 ft to 2 ft II 1 ft to 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. Various ...
- 10. The estimated amount of groundwater withdrawn each year. 2000 to 3500 gals
- 11. The log of formations encountered in the drilling of each well if available. None
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner ...

Date ...

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.

83286

RECORDER'S OFFICE }  
Jefferson County, Montana }

Filed for record this 21 day of Dec.

A. D. 1963 at 11:57 P.

County Clerk

Fees \$ 2.00

File No. ....

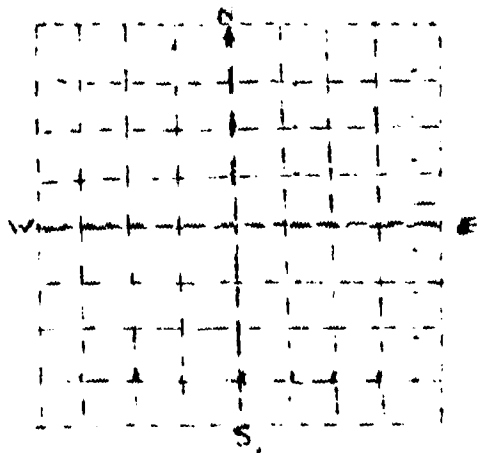
XXXXXXXX DPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GRADUATED  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1962  
STATE ENGINEER

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

1. Joseph N. Castiel, of Missoula, Missoula City  
(Name of Appropriator) (Address) (Town)  
County of Missoula State of Montana  
have appropriated groundwater according to the Montana laws 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 for irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1916 Constant
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.000 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 see map 3
- 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 1916
- 8. The depth of water table 200 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 1/2 inch 26 X 29 inch cement casing 100 feet - Electric pump & hand pump
- 10. The estimated amount of groundwater withdrawn each year 10000
- 11. The log of formations encountered in the drilling of each well if available nil
- 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 1 - page 42 - line 27  
Sec 6 - T1 - R10

Signature of Owner Joseph N. Castiel  
Date Dec 31 - 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 Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator.

9522

83290

RECORDS OFFICE  
Yellowstone County, Montana  
Filed for record this 31 day of Dec  
A. D. 1963 at 120 of P  
V. M. Anderson  
Fees: 2.00

County Jefferson

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 Adams J. Kercher

Address Bx 31 Jefferson City  
Montana 59638

Date well started July 28, 1970  
completed July 29, 1970

For Administrator's Use	
File	<u>92501</u>
	<u>September 16, 1970</u>
	<u>926 000</u>
GW 1	

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn

(Churn drill, rotary or other)

Water Use: Domestic  Municipal  Stock  Irrigation

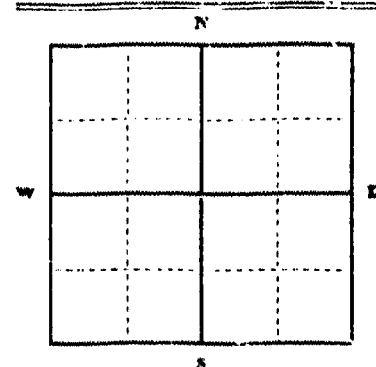
Industrial  Drainage  Other \* Garden/Lawn

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
<u>6"</u>	<u>17 lb.</u>	<u>0</u>	<u>32</u>	<u>None</u>		



Static water level 16 ft.\*  
Pumping water level 28 ft.\*  
at 1.5 gallons per minute,  
measured 30 minutes 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)

1/4 Sec.           
T. 7 N.R. 3 E  
S (LA) W

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

Driller's Signature Wesley Lindsey  
Driller's Address 6 Clancy Montana

LICENSE NO. 38

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)	
<u>0</u>	<u>5</u>	<u>Topsoil &amp; Gravel</u>
<u>5</u>	<u>18</u>	<u>Gravel</u>
<u>18</u>	<u>29</u>	<u>Hard Pan</u>
<u>29</u>	<u>31</u>	<u>Sand &amp; Silt</u>
<u>31</u>	<u>32</u>	<u>Gravel</u>

32 Show exact depth of bottom

217503





This is as close as I can come to the location of this well on this property.

Wesley Lindsey

County Jefferson

**DRILLER'S LOG**

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

(Elev. above sea level)

Topsoil & Gravel

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

Owner Adrian T. Kencher  
 Address Bx 31 Jefferson City  
Montana 59638

For Administrator's Use	
File #	<u>93501</u>
Date	<u>September 16, 1970</u>
Time	<u>9:36 A.M.</u>
GW 1	

Date well started July 28, 1970  
 completed July 29, 1970

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn

(Churn drill, rotary or other)

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

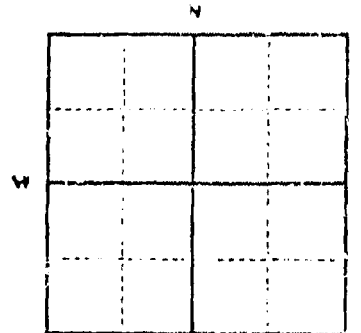
\*Describe

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).

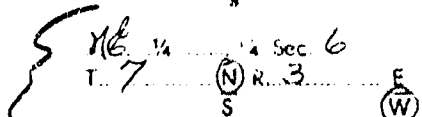
**ESTIMATED ANNUAL WITHDRAWAL**

Whatever a family of 3 to 5 persons might use.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
<u>6"</u>	<u>17 lb.</u>	<u>0</u>	<u>32</u>		<u>None</u>	



Static water level 16 ft.\*  
 Pumping water level 28 ft.\*  
 at 15 gallons per minute,  
 measured 60 minutes after pumping began.  
 \*Measured from ground level.  
 Well developed by Ba. Len  
 for 2 hours.  
 Power          Pump          HP  
 Remarks: (Gravel packing, cementing, packers, type of shutoff)



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

Driller's Signature Wesley Lindsey

Driller's Address 6 Clancy Montana

LICENSE NO. 38

32 Show exact depth of bottom

217 023

File No. JEFFERSON 1965

T. 7N R. 3W

DUPLICATE

County Jefferson

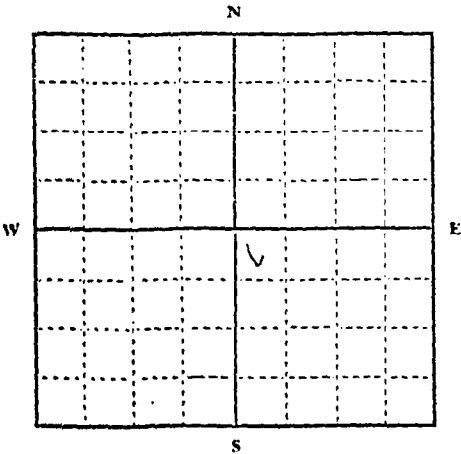
By M. D. Damm  
 For Jefferson **STATE OF MONTANA**  
 Com. Morton **ADMINISTRATOR OF GROUNDWATER CODE**  
 Darrington Sullivan  
 Dickert **OFFICE OF STATE ENGINEER**

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. Arthur W. and Edith W. Madison of Jefferson City  
 (Name of Appropriator) (Address) (Town)

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



1/4 Sec. 6 T. 7N R. 3W

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

2. The beneficial use on which the claim is based Household use and watering lawn and garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well dug approximately 1865 drilled to deeper depth in 1946. Has had continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Twenty (20) 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 Irrigation limited to lawn and garden, fraction of an acre, 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 jet pump. Well located twenty (20) feet from store building house
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well dug approximately 1865, drilled to deeper depth in 1946
8. The depth of water table Twenty-six (26) to thirty-six (36) 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 with six (6) inch iron casing
10. The estimated amount of groundwater withdrawn each year Approximately 25,000 gallons
11. The log of formations encountered in the drilling of each well if available Not known
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No previous reference in county records

Signature of Owner Arthur W. Madison  
Edith W. Madison  
 Date December 29 - 1965

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

40185

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T. 7R R. 3W

DUPLICATE

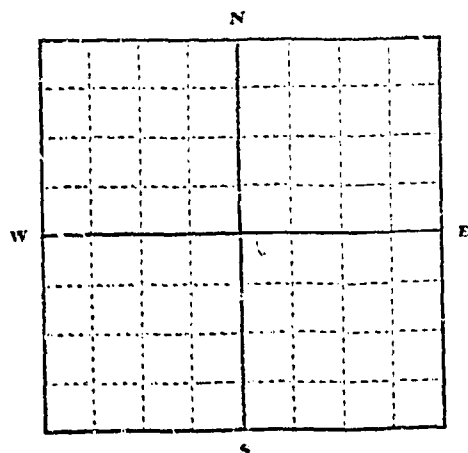
County Jefferson

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 W. and Edith W. Madison of Jefferson City,  
(Name of Appropriator) (Address) (Town)  
County of Jefferson State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 6 T7N R3W

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. Business and Household use and watering lawn and garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Well dug approximately 1865 drilled to deeper depth in 1946. Has had continuous use.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). Twenty (20) 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. Irrigation limited to lawn and garden, fraction of an acre, 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 jet pump. Well located twenty (20) feet from store building
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well dug approximately 1865, drilled to deeper depth in 1946
8. The depth of water table. Twenty-six (26) to thirty-six (36) 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 with six (6) inch iron casing
10. The estimated amount of groundwater withdrawn each year. Approximately 25,000 gallons
11. The log of formations encountered in the drilling of each well if available. Not known
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. No previous reference in county records

Signature of Owner

Arthur W. Madison  
Edith W. Madison  
Date December 29 1966

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.

110184

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File No. ....  
XXXXXXXX DUBLICATE

T. .... P. ....  
County. ....

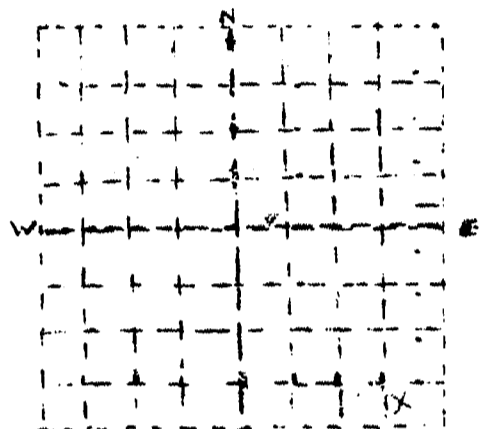
STATE OF MONTANA

JAN 3 1963

ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

*Carl A. Ottmann*, of *Jefferson City*  
(Name of Appropriator) (Address) (Town)  
County of *Jefferson* State of *Montana*  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Exact location unknown  
..... 1/4 Sec. 6, T. 7, R. 3.

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... *House hold and irrigation*

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

4. The amount of groundwater claimed (in cubic 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...  
*North 1/4, Sec. 3, T. 7, R. 3, State of Montana*  
*owned by Carl Ottmann*  
*Address in NW 1/4 of NW 1/4 of Sec. 6*  
*T. 7 N - 3 W - Jefferson County*

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... *Unknow*

8. The depth of water table... *Approx. 25 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 - 6" to 8" dia. - Approx. 25 ft*

10. The estimated amount of groundwater withdrawn each year... *300,000 gal.*

11. The log of formations encountered in the drilling of each well if available...  
*Sand - clay - water wash*

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...  
*Unknow*

Signature of Owner... *Carl A. Ottmann*

Date... *July 30th 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 Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator. 19555

83323

RECORDERS OFFICE }  
Jefferson County, Montana } ss.

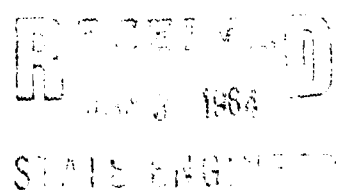
Filed for record this 31 day of April

no. 634-212 of P.

Fees, \$ 2.00

File No. .... T. .... R. ....  
X ~~XXXX~~ DUPLICATE County... J. ...

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

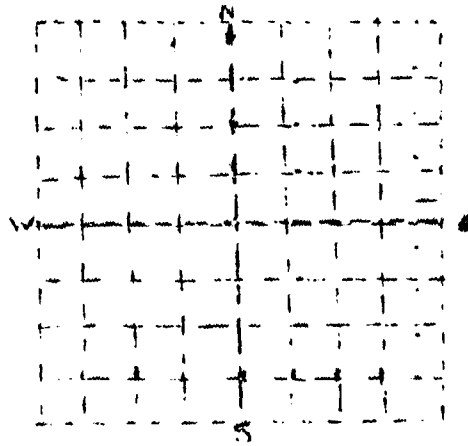


DECLARATION OF VESTED GROUNDWATER RIGHTS

JACK RYAN (Under Chapter 237, Montana Session Laws, 1961)

1. *R. 25 5 37 4 4* *J. R. W. T. N. T. N. G. S. E.* of .....  
(Name of Appropriator) (Address) (Town)

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



..... 1/..... Sec. .... T. .... R. ....

Indicate points 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 *1940 or 1942*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) *10 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 *10 acres, Jack Ryan*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *10 ft. deep*
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *1940 or 1942*
- 8. The depth of water table *10 ft. (estimated)*
- 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 gpm, 10 ft. deep*
- 10. The estimated amount of groundwater withdrawn each year *200,000 gals.*
- 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 *see records*

Signature of Owner *Jack Ryan*

Date .....

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 Montana Bureau of Mines & Geology; and Quadruplicate for the Appropriator. 19569



83337

RECORDERS OFFICE  
Jefferson County, Montana

Filed for record this 31 day of Dec.

A. D. 1962, 302, of the P.

Fees, \$ 2.00



94358

RECORDER'S OFFICE  
Jefferson County, Montana } ss.  
Filed for record this 7<sup>th</sup> day of April  
A.D. 1921 at 3:53 o'clock P.M.  
John P. Miller County Rec.  
Fees, \$ 2.00