

286796

STATE OF MONTANA, }  
County of Richland, } ss.

Filed this 2 day of  
Jan A. D. 1964  
at 9:33 o'clock P.M.

C. A. Hooker  
County Recorder  
R. Atchison  
Deputy

*Fee: 2.00*  
*Filed*

File No. ....

T. 25 N. R. 57 E.

DUPLICATE

County Richland

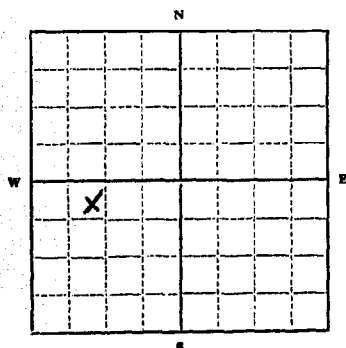
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECORDED  
JAN 10 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. STEWART SUNDHEIM, of R. 27 FAIRVIEW  
(Name of Appropriator) (Address) (Town)  
County of Richland State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 25, T. 25 N. R. 57 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. Livestock  
& drinking use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1946 has been used  
continuously since this time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 8 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 used for irrigation.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
manual pump & gas engine motor.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1946
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. NONE
10. The estimated amount of groundwater withdrawn each year. 50,000 gal
11. The log of formations encountered in the drilling of each well if available. all gravel & sand.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. NONE 2421266.

Signature of Owner

Stewart SundheimDate 30 Dec. 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.

29546

STATE OF MONTANA, ss. 286247

County of ...  
F. 30 day of  
December 1963

at 3:00 P.M.  
E. L. Karpus  
County Recorder  
Helen Dueske  
Deputy

Page 200  
filed

GW -

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

DUPLICATE

RECEIVED  
MAY 20 1964

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

T. 25 N. R. 59 E

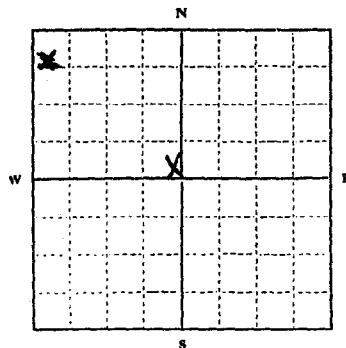
County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alvin E. Damm of Fairview Mont.  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. 25 N. R. 59 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 stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1936 continuous

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof no

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 unknown

8. The depth of water table 90 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 24" well 125' deep

10. The estimated amount of groundwater withdrawn each year 219,000

11. The log of formations encountered in the drilling of each well if available none

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

Signature of Owner \_\_\_\_\_

Date 1-2-64

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.

34073

286779

STATE OF MONTANA, }  
County of Richland, } ss.

Filed this 2 day of  
January A. D. 1964  
at 9:16 o'clock, P.M.

E. L. Hooker  
County Recorder

E. Cook  
Deputy

fee \$2.00  
filed

GW.

File No. ....

DUPLICATE

SECTION 103  
Information on  
Original

RECEIVED  
MAY 20 1964

Approved Stock Form—State Publishing Co., Helena, Montana—42214

T. 25 N R. 5 E

County. Richland

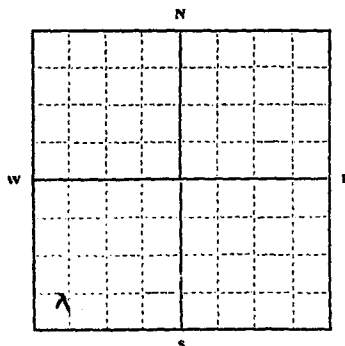
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 19 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. YERNON JOHNSON, of Fairview  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Mont  
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 200 head stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Jan 1 1948

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500

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 none

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 Oct 1948

8. The depth of water table

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 2 1/2 in open steel casing 25 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 clay loam water bearing 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 Yernon Johnson  
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 the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

29666

286.322  
STATE OF MONTANA, }  
County of Blaine, } ss.

Filed on 31 day of  
Dec. 1932 A. M. 63  
at 9:32  
E. L. Kooker  
R. Atchison  
Deputy

fee: 2.00  
filed

GROUNDWATER INDEX

Page 1 of 1

County Richland Twp. 24 N Rge. 5 E

[illegible]



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

STATE WATER CONSERVATION BOARD T 24 R 51

DEC 27 1966

County Richmond

DUPLICATE

Top of Ground

(Elev. above sea level)

clay  
 coal  
 grey shale  
 grey sand shale  
 hard shell  
 black shale  
 grey shale  
 coal  
 fine sandy shale  
 grey-brown shale  
 coal shale  
 grey shale  
 grey shale  
 coal shale

BIR: \_\_\_\_\_  
 E: \_\_\_\_\_  
 C: \_\_\_\_\_  
 D: \_\_\_\_\_  
 M: \_\_\_\_\_  
 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 Otis Waters Address Richley, MontanaDriller Dave Gulbran Address Idney, Montana

Date of Notice of appropriation of ground water \_\_\_\_\_

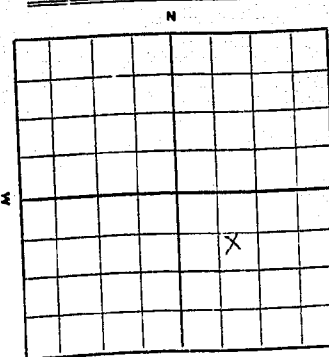
Date well started 11/23/66 Date Completed 12/5/66

Type of well drilled Equipment used churn  
 (dug, driven, bored or Churn, drill, rotary or  
 drilled) 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)
4"	11"	0-206		N	0	E



4 Sec 8 T. 24 R. 51  
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well 65 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 120 feetat 15 gal. per minute.

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

How Tested bailerLength 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 \_\_\_\_\_

Driller's Signature \_\_\_\_\_

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

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

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

11,569

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

STATE WATER CONSERVATION BOARD T 24 R 51

DEC 27 1966

County Richmond

DUPLICATE

Top of Ground



(Elev. above sea level)

gray clay

coal

gray shale

gray sandy shale

hard shell

black shale

sandy shale

gray shale

coal fine sandy shale

gray-brown shale

coal shale

hard shale

gray shale

gray shale

gray shale

coal shale

Bill \_\_\_\_\_ McDermott

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)

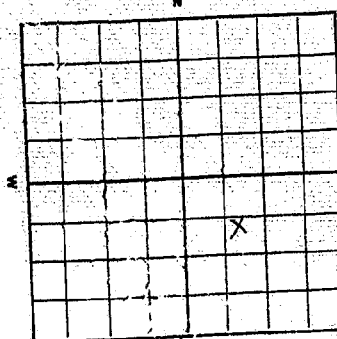
Owner Otis Waters Address Richley, MontanaDriller Dave Gulbraa Address Richley, Montana

Date of Notice of appropriation of ground water \_\_\_\_\_

Date well started 11/29/66 Date Completed 12/6/66Type of well drilled Equipment used churn  
(dug, driven, bored or Churn, drill, rotary or drilled) 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)
6"	4" - 11.4	0-206		N	0	2



1/4 Sec 8 T 24 R 51

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

Static Water Level for non-flowing well 65 feet

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 120 feetat 15 gal. per minute.

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

How Tested bailerLength 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 \_\_\_\_\_

Driller's Signature Dave Gulbraa

206

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.

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

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

111,569

299789

STATE OF MONTANA,  
County of Richland,

Filed this 22 day of

Dec A. D. 1946

at 11:52 o'clock A.M.

Helena L. Linder  
County Recorder

Deputy

4200  
Filed

File No. ....

DUPLICATE

T. 24N R. 51 E

County Richland, Mont.

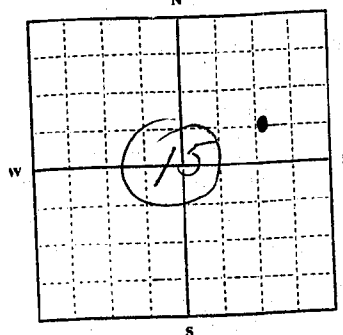
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1961

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Elizabeth Reichert, of Richland, Montana  
(Name of Appropriator) (Address) (Town)  
County of Dawson State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE 1/4 Sec. 15 T. 24N R. 51E

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 Watering.
3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been June 1958 Use Continuous  
since ground water facility developed.
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute)..... 6 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  
None
6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal  
Cylinder-Pump and Windmill. Water piped  
from well to tank & to spill-way catch basin.
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater..... 1958
8. The depth of water table..... Eight feet to 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..... Well Eight feet deep—Cased 4" x 6"  
Operates with cylinder and pump with windmill power at present.
10. The estimated amount of groundwater withdrawn each year..... 2,073,600 gallons
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.....  
None

Signature of Owner..... Elizabeth Reichert

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

29749

STATE OF MONTANA, }  
County of Richland, }

1286455

31

day of

December A. D. 1963

10:55 o'clock, P.M.

E. H. Koster

County Recorder

E. L. Lusk

Deputy

for 9200  
filed

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 Otis S. Waters  
Address Otis S. Waters  
Richey, Mont  
Date well started 10, Nov. 1970  
completed 5, Dec. 1970

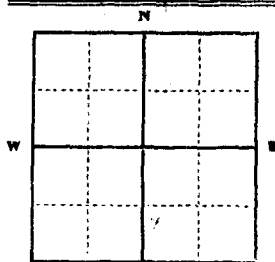
For Administrator's Use  
File 317400  
January 4, 1971  
11:05 a.m.  
GW 1

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)
4 1/2	4" x 10'	0	422	1" x 1/2"



Static water level ..... ft.  
Pumping water level 210 ft.  
at ..... gallons per minute,  
measured ..... minutes after pumping  
began. 120  
\*Measured from ground level.  
Well developed by .....  
for ..... hours. before  
Power 3 Pump ..... HP  
Remarks: Gravel packing, cement  
packers, type of shutoff)

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

Driller's Signature [Signature]

Driller's Address Box 1102 Richey, Mont

LICENSE NO. 77

County Richmond  
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	68
68	72
72	123
123	130
130	141
141	142
142	196
196	200
200	207
207	210
210	248
248	267
267	282
282	308
308	309
309	313
313	325
325	347
347	367
367	383
383	395
395	422
422	423

Show exact depth of bottom

477965

STATE OF MONTANA, } ss. 317400  
County of Richland, }

Filed this 4 day of  
January A. D. 19 71  
at 11:05 o'clock 9 M.

Ellen Huerke  
County Recorder

James Palackichuk  
Deputy

Filed

Fee: \$2.00

File No. ....

T. 24 N. R. 51 E.

DUPLICATE

County Richland, Mont.

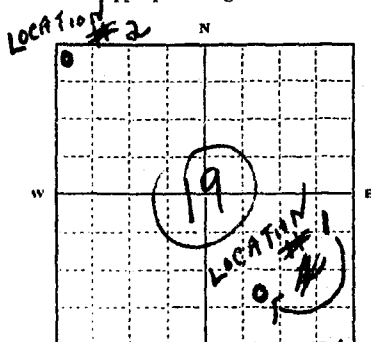
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Elisabeth Reichert, of Richey, Montana  
(Name of Appropriator) (Address) (Town)

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



#1-SWSE

#2 NWNW

1/4 Sec. 19 T. 24 R. 51

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 Watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approximately 1950, with continuous use from that date forward, as to location # 1/ 1962 as to location # 2.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Location # 1 2 gallons per minute  
Location # 2 2 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  
None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Free flowing dug-out springs

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Location # 1, 1950. Location # 2 1962

8. The depth of water table Location # 1, about 2 feet. Location # 2 about 2 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  
Location # 1 4' x 14' pipe protruding from an embankment  
Location # 2 1 1/2 inch

691,200 Gallons Location # 2.

10. The estimated amount of groundwater withdrawn each year 691,200 Gallons Location # 1.

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  
None.

Signature of Owner Elisabeth Reichert

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

29748



STATE OF MONTANA. } ss. 986454  
County of ... }

Filed this ... day of

December, A. D. 1963

at ... 10:54 o'clock, P. M.

E. H. Kasher

County Recorder

E. Cook

Deputy

for 8200  
filed

File No. ....

T 24 N R 51 E

DUPLICATE

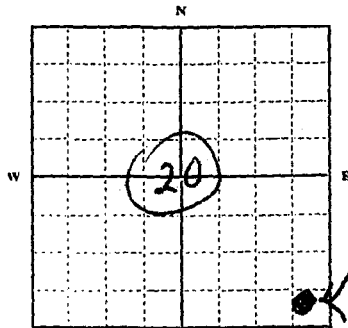
County Richland, Mont.

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Elizabeth Reichert, of Richey, Montana  
(Name of Appropriator) (Address) (Town)  
County of Dawson 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.

\*\*  
Note: This ground water development on State of Montana Land under lease to Appropriator herein.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1961- Continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 Gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Dug-out spring, fed by natural flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Fall of 1961.

8. The depth of water table Approximately 7 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.  
Dug-out about 15' by 40'

10. The estimated amount of groundwater withdrawn each year Estimated 1,036,800 gallons.

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.  
None.

Signature of Owner Elizabeth Reichert

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

2975

STATE OF MONTANA, }  
County of Richland, } ss. 286456

Filed this 31 day of  
December A. D. 1963

at 12 56 o'clock, P.M.  
E. A. Karker

County Recorder

E. Cook  
Deputy

Lu 8200  
Filed

File No. ....

DUPLICATE

T. 24 N. R. 51 E. 21  
County RichlandSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

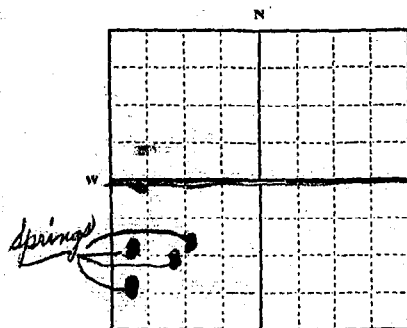
Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater April 1943  
Owner Wm White, Est.  
Frank White, Adm. Address Drafton, Iowa  
Contractor (if any) .....

Address of Contractor .....

Date Started ..... Date Completed .....

Describe means of obtaining groundwater without a well "as by  
sub-irrigation and other natural processes". Include depth to  
water when applicable. natural springsS. 4 1/2 Sec. 21 T. 24 R. 51  
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 intermittentestimate approximate lengths of periods of use sometimes3 months a year, lessSignature of Alice Marie Milne  
Owner Wm White, Est.  
Frank White, Adm.Date Dec. 20, 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.

File No. ....

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

T. 24 N. R. 57 E.  
County Richland

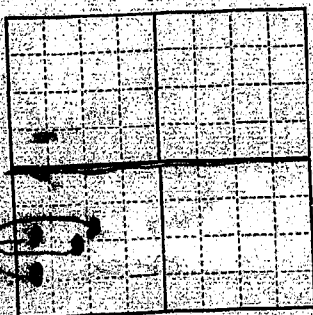
JAN 10 1964

# Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater April 1943  
Owner Wm White, Est.  
Address Grafton, Iowa  
Contractor (if any) \_\_\_\_\_  
Address of Contractor \_\_\_\_\_  
Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

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



S. 4 1/2 Sec. 21 T. 24 N. R. 57 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 3 months a year

Signature of Alice M. Milne  
owner Wm White, Est. Frank White, Adm.

Date Dec. 20, 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.

STATE OF MONTANA, } ss. 286517  
County of Richland, }

Filed this 31 day of  
December A.D. 1962  
at 11:30 o'clock P.M.

County Recorder  
Helen Dierke  
Deputy

fees 2.00  
filed

File No. ....

DUPLICATE

T. 24 N. R. 51 E. 29  
County RichlandSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

Notice of Completion of Groundwater Appropriation  
Without Well

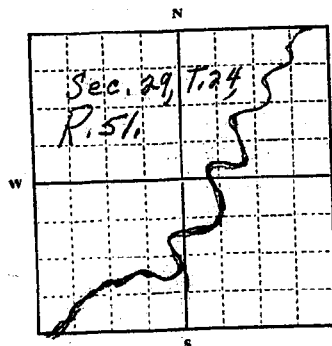
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater April 1945  
Owner Alice Kato Milne  
Roslyn W. Milne Address Box 193 - Richby, Mont.

Contractor (if any) .....

Address of Contractor .....

Date Started ..... Date Completed .....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Creek bottom with  
natural springs..... 1/4 Sec. 29, T. 24, R. 51 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. Used  
whenever it is not frozen.  
(Difficult to say because  
frozen periods vary every year.)Signature of Owner Alice Kato Milne  
Roslyn W. MilneDate Dec. 20, 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.

STATE OF MONTANA, { no. 286517  
County of Richland,

Filed this 31 day of

December, D. 1963

at 11:57 of clock M.

E. J. Harker

County Recorder

Helen Durkin

Deputy

fee 2.00  
filed



File No. ....

T. 24 N. R. 5 E. S. 7  
County Richland

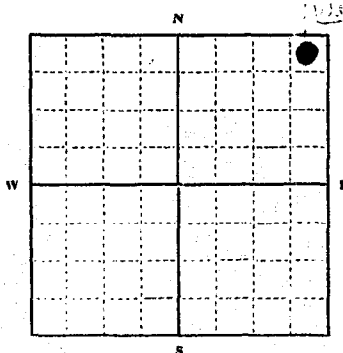
DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Hoddy W. Milne-Alice Karto of Box 193 Richey  
 (Name of Appropriator) (Address) (Town)  
 County of Richland State of Montana  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 1/4 Sec 29 T.24. R.51

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 is use for livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 1958  
used for watering stock
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 gallons 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  
no irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
windmill or hand pump

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

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  
12 inch hole - cylinder pump  
2 inch hole - 10 ft. - 12 ft. - 14 ft. - 16 ft. - 18 ft. - 20 ft. - 22 ft. - 24 ft. - 26 ft. - 28 ft. - 30 ft. - 32 ft. - 34 ft. - 36 ft. - 38 ft. - 40 ft. - 42 ft. - 44 ft. - 46 ft. - 48 ft. - 50 ft. - 52 ft. - 54 ft. - 56 ft. - 58 ft. - 60 ft. - 62 ft. - 64 ft. - 66 ft. - 68 ft. - 70 ft. - 72 ft. - 74 ft. - 76 ft. - 78 ft. - 80 ft. - 82 ft. - 84 ft. - 86 ft. - 88 ft. - 90 ft. - 92 ft. - 94 ft. - 96 ft. - 98 ft. - 100 ft. - 102 ft. - 104 ft. - 106 ft. - 108 ft. - 110 ft. - 112 ft. - 114 ft. - 116 ft. - 118 ft. - 120 ft. - 122 ft. - 124 ft. - 126 ft. - 128 ft. - 130 ft. - 132 ft. - 134 ft. - 136 ft. - 138 ft. - 140 ft. - 142 ft. - 144 ft. - 146 ft. - 148 ft. - 150 ft. - 152 ft. - 154 ft. - 156 ft. - 158 ft. - 160 ft. - 162 ft. - 164 ft. - 166 ft. - 168 ft. - 170 ft. - 172 ft. - 174 ft. - 176 ft. - 178 ft. - 180 ft. - 182 ft. - 184 ft. - 186 ft. - 188 ft. - 190 ft. - 192 ft. - 194 ft. - 196 ft. - 198 ft. - 200 ft. - 202 ft. - 204 ft. - 206 ft. - 208 ft. - 210 ft. - 212 ft. - 214 ft. - 216 ft. - 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2474 ft. - 2476 ft. - 2478 ft. - 2480 ft. - 2482 ft. - 2484 ft. - 2486 ft. - 2488 ft. - 2490 ft. - 2492 ft. - 2494 ft. - 2496 ft. - 2498 ft. - 2500 ft. - 2502 ft. - 2504 ft. - 2506 ft. - 2508 ft. - 2510 ft. - 2512 ft. - 2514 ft. - 2516 ft. - 2518 ft. - 2520 ft. - 2522 ft. - 2524 ft. - 2526 ft. - 2528 ft. - 2530 ft. - 2532 ft. - 2534 ft. - 2536 ft. - 2538 ft. - 2540 ft. - 2542 ft. - 2544 ft. - 2546 ft. - 2548 ft. - 2550 ft. - 2552 ft. - 2554 ft. - 2556 ft. - 2558 ft. - 2560 ft. - 2562 ft. - 2564 ft. - 2566 ft. - 2568 ft. - 2570 ft. - 2572 ft. - 2574 ft. - 2576 ft. - 2578 ft. - 2580 ft. - 2582 ft. - 2584 ft. - 2586 ft. - 2588 ft. - 2590 ft. - 2592 ft. - 2594 ft. - 2596 ft. - 2598 ft. - 2600 ft. - 2602 ft. - 2604 ft. - 2606 ft. - 2608 ft. - 2610 ft. - 2612 ft. - 2614 ft. - 2616 ft. - 2618 ft. - 2620 ft. - 2622 ft. - 2624 ft. - 2626 ft. - 2628 ft. - 2630 ft. - 2632 ft. - 2634 ft. - 2636 ft. - 2638 ft. - 2640 ft. - 2642 ft. - 2644 ft. - 2646 ft. - 2648 ft. - 2650 ft. - 2652 ft. - 2654 ft. - 2656 ft. - 2658 ft. - 2660 ft. - 2662 ft. - 2664 ft. - 2666 ft. - 2668 ft. - 2670 ft. - 2672 ft. - 2674 ft. - 2676 ft. - 2678 ft. - 2680 ft. - 2682 ft. - 2684 ft. - 2686 ft. - 2688 ft. - 2690 ft. - 2692 ft. - 2694 ft. - 2696 ft. - 2698 ft. - 2700 ft. - 2702 ft. - 2704 ft. - 2706 ft. - 2708 ft. - 2710 ft. - 2712 ft. - 2714 ft. - 2716 ft. - 2718 ft. - 2720 ft. - 2722 ft. - 2724 ft. - 2726 ft. - 2728 ft. - 2730 ft. - 2732 ft. - 2734 ft. - 2736 ft. - 2738 ft. - 2740 ft. - 2742 ft. - 2744 ft. - 2746 ft. - 2748 ft. - 2750 ft. - 2752 ft. - 2754 ft. - 2756 ft. - 2758 ft. - 2760 ft. - 2762 ft. - 2764 ft. - 2766 ft. - 2768 ft. - 2770 ft. - 2772 ft. - 2774 ft. - 2776 ft. - 2778 ft. - 2780 ft. - 2782 ft. - 2784 ft. - 2786 ft. - 2788 ft. - 2790 ft. - 2792 ft. - 2794 ft. - 2796 ft. - 2798 ft. - 2800 ft. - 2802 ft. - 2804 ft. - 2806 ft. - 2808 ft. - 2810 ft. - 2812 ft. - 2814 ft. - 2816 ft. - 2818 ft. - 2820 ft. - 2822 ft. - 2824 ft. - 2826 ft. - 2828 ft. - 2830 ft. - 2832 ft. - 2834 ft. - 2836 ft. - 2838 ft. - 2840 ft. - 2842 ft. - 2844 ft. - 2846 ft. - 2848 ft. - 2850 ft. - 2852 ft. - 2854 ft. - 2856 ft. - 2858 ft. - 2860 ft. - 2862 ft. - 2864 ft. - 2866 ft. - 2868 ft. - 2870 ft. - 2872 ft. - 2874 ft. - 2876 ft. - 2878 ft. - 2880 ft. - 2882 ft. - 2884 ft. - 2886 ft. - 2888 ft. - 2890 ft. - 2892 ft. - 2894 ft. - 2896 ft. - 2898 ft. - 2900 ft. - 2902 ft. - 2904 ft. - 2906 ft. - 2908 ft. - 2910 ft. - 2912 ft. - 2914 ft. - 2916 ft. - 2918 ft. - 2920 ft. - 2922 ft. - 2924 ft. - 2926 ft. - 2928 ft. - 2930 ft. - 2932 ft. - 2934 ft. - 2936 ft. - 2938 ft.

STATE OF MONTANA, } ss. 286543  
County of Richland,

Filed this 31 day of  
December A.D. 1963  
at 12:33 o'clock P.M.

E. L. Hooker  
County Recorder

Helen Deske  
Treasurer

for 2000  
filed

T. 24 N R. 51 E 35  
County Richland

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Robert Crockett Address Richley, Mont.  
Driller Wade Gulbreath Address Sidney, Mont.  
Date Started 6-7-58 Date Completed 6-11-58  
Location: Sec. 35 T. 24 R. 51  $\frac{1}{4}$  sec. SE

Type of well Drilled Equipment used Sn. shaler  
(Dug, driven, bored, or drilled) (Chain drill, rotary, other)

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

Casing: 0 ft. to 37 ft. Type steel Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 17 to ft. 37 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations  $\frac{1}{2}$ " HOLES

Static Water level, for non-flowing well: Water came 19' FROM TOP feet.

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

Pumping water level at 20 feet at 5 gal. per min.

How tested: Bailer

Length of test 1 HOUR

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

(over)

### Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	21	Brown clay
21	30	sand
30	34	sand & clay & water
34	37	yellow clay

258080

STATE OF MONTANA, }  
County of Richland } ss.

Filed this 23 day of June 1905

at 125 o'clock P. M.

*G. H. Finkbeiner*  
County Recorder

*E. G. Gault*  
Deputy

File No. ....

DUPLICATE

T. 24 R. 57  
County RichlandSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
JAN 10 1964  
STATE ENGINEERNotice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

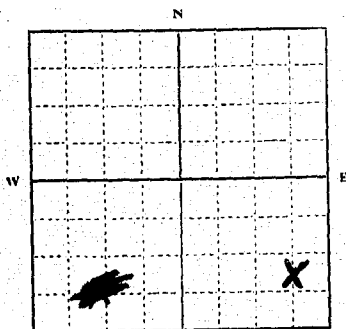
Owner Robert L. Crockett Address Richley Mont

Contractor (if any) .....

Address of Contractor .....

Date Started..... Date Completed.....

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

SpringSE  $\frac{1}{4}$  Sec 35 T 24 R 57Indicate 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.....

30 gal per min

Signature of Owner.....

Date.....

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.

STATE OF MONTANA, } ss. 28411  
County of Richland, }

Filed this 27 day of

December A. D. 1963

at 2:43 o'clock P. M.

E. L. Kaker

County Recorder

E. Cook

Deputy

Fee \$2.00  
filed

File No. ....

DUPLICATE

T. 24 N. 51 E.

County Richland

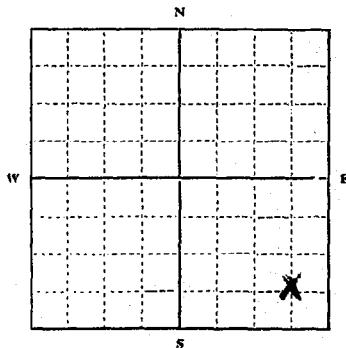
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 10 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Robert L. Crockett, of Richley Mont  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 35 T24 R52

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

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been. july 1960

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater july 1960

8. The depth of water table 40 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" hole

10. The estimated amount of groundwater withdrawn each year 200,000 gal per 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 Robert L. CrockettDate Dec 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.

29505

286205

STATE OF MONTANA, } ss.  
County of Richland, }

Filed this 30 day of December A.D. 1963

at 1.24 o'clock, P.M.

E. L. Kasper

County Recorder

E. L. Kasper

Deputy

See 8200  
filed



File No. ....

STATE WATER CONSERVATION BOARD

T. 24 R. 51

DUPLICATE

DEC 27 1966

County .....

Bliss ..... McDermott ..... **STATE OF MONTANA**  
 Butcher ..... McNulty ..... **ADMINISTRATOR OF GROUNDWATER CODE**  
 Coyne ..... Morton ..... **OFFICE OF STATE ENGINEER**  
 Darlington ..... Sullivan .....  
 Dickert .....

Top of Ground

(Elev. above sea level 2000 .....

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

(Under Chapter 237, Montana Session Laws, 1961)

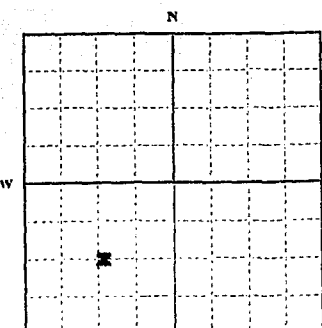
Owner Atis Waters Address Richey, MontanaDriller Boone Whitmer & Sons Address Wolf Point, MontanaDate of Notice of Appropriation of Groundwater Nov. 20, 1966Date well started Nov 12, 1966 Date Completed Nov 20, 1966

Type of well Drilled Equipment Used Cable Tool  
 (dug, driven, bored or drilled) (Churn, drill, rotary or 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)
4-inch		0	272			



1/4 Sec. 36 T. 24 R. 51

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 110 feet.

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

Pumping Water Level 210 feet at 8 gal. per minute.

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

How Tested Bailer Length of Test 4 hours

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) .....

83

Driller's License Number

Clinton C. Whitmer  
 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.

41570

132128

State of Montana } ss.  
County of McCone }

Office of Clerk and Recorder

Filed this \_\_\_\_\_ day of

at \_\_\_\_\_ A. D. 19\_\_\_\_

\_\_\_\_\_ o'clock \_\_\_\_\_ M.

\_\_\_\_\_  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fee \_\_\_\_\_

STATE OF MONTANA, } ss. 299788  
County of Richland, }

Filed this 22 day of

Dec A. D. 1966

at 11:50 o'clock, P. M.

Robert L. Smith  
County Recorder

D. Sullivan  
Deputy

#200

filed

File No.

DUPLICATE

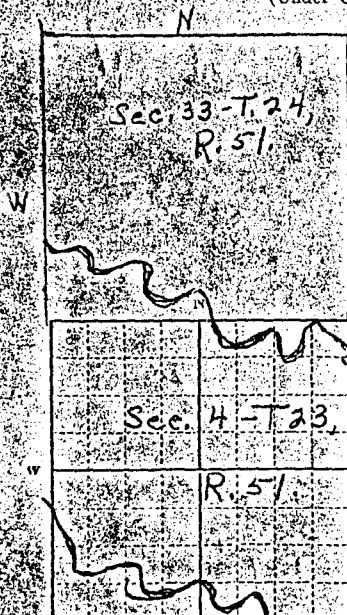
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County

JAN 10 1964

# Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)



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

Date of Appropriation of Groundwater

Owner

Contractor (if any)

Address of Contractor

Date Started

Date Completed

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

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.

whenever it is not frozen.

Difficult to measure amount.

(freezing periods vary every year)

Signature of Owner

Date

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.

File No. 288519  
DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County Richland

Both on one sheet to show continuity of creek

JAN 10 1964

# Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)



Date of Appropriation of Groundwater Sec. 4-23-51-Apr 1, 1932

Owner Alice Kate Milne

Address Box 193, Richland, Mont.

Contractor (if any)

Address of Contractor

Date Started

Date Completed

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

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. used whenever it is not frozen

Difficult to measure amount

(freezing periods vary every year)

Signature of Owner Alice Kate Milne

Date Dec. 20, 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.

## GROUNDWATER INDEX

Page 1 of 2

County Richland Twp. 24 N Rge. 52 E

[illegible]

File No. ....

DUPLICATE

T. 24

R. 52

County

Richmond

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

D

JAN 10 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

James P. and Helen Vaira

(Name of appropriator)

R.T. 2-Box 34 Culbertson

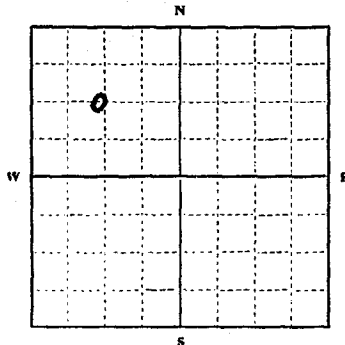
(Address)

(Town)

County of Richmond

State of Montana

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



GNW 1/4 of Sec 2 T. 24 R. 52

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 Livestock3. Date or approximate date of earliest beneficial use; and how continuous the use has been Nov. 13-1958 used every year4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 to 10 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 used for irrigation6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill, pipe, & cylinder7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Nov 12-1958 Nov 13-19588. The depth of water table I don't know, but water comes up high9. 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 in. casing 90 ft deep10. The estimated amount of groundwater withdrawn each year wind mill runs all the time use the pasture11. The log of formations encountered in the drilling of each well if available 25 ft soil 30 ft sand 25 ft clay 10 ft other12. 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 record

Signature of Owner

James P. Vaira and Helen Vaira

Date

Dec 28-63

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.

29553

286254

STATE OF MONTANA,  
County of Richland,

ss. 286254

Filed this 30 day of

December A.D. 1963

at 3:02 o'clock P.M.

E. J. Kasper  
County Clerk

John Luerke  
Deputy

for 200  
Filed

File No. ....

DUPLICATE

T. 24 N. R. 52 E.

County. Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

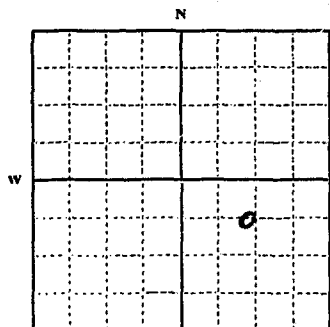
Date of Appropriation of Groundwater. 1915 livestock waterOwner. Ralph LivingstonAddress. RicheyContractor (if any) None

Address of Contractor .....

Date Started..... Date Completed.....

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

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. aroundfive gallons per minute.

S. E. 1/4 Sec. 35 T. 24 N. R. 52 E.

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

Signature of Owner. Ralph LivingstonDate. Dec. 23, 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.



STATE OF MONTANA, }  
County of Richland, } ss. 286035

Filed this 27 day of  
Dec A. D. 19 63  
at 10:36 o'clock, P. M.

E. L. Kaaber  
County Recorder  
J. Sullivan  
Deputy

fee. 42.00  
filed

File No.

DUPLICATE

T

County

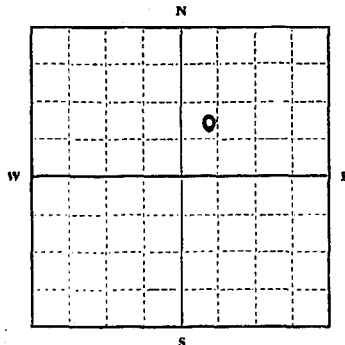
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James P. and Alvin Vaira, of Culbertson, Box 34  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NE 1/4 of Sec 17 T. 24 R. 52

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Sept 18 - 1959  
Don used every year

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 6 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 used for irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Sept 14 - 1959 Sept 18 - 1959

8. The depth of water table. Don't know

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 - 4 1/2 in casing - 14' 6"  
ft. deep

10. The estimated amount of groundwater withdrawn each year. Don't know but windmill runs all the time

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. No 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; Triuplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

29552

STATE OF MONTANA, } ss. 286253  
County of Richland,

Filed this 30  
December 63  
at 3:00

E. L. Kipper  
County Clerk  
Deputy

Filed

File No. ....

T. 24 N. 52 E

DUPLICATE

County Richland

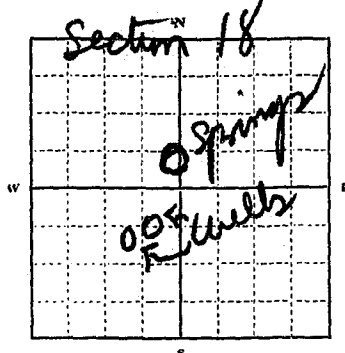
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. MILTON G. ANDERSON, of Box 73 Sidney Mont.  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$  Sec. 18 T. 24 R. 52  
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 watering + domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951-
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 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 None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 4 flowing springs + 2 wells
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1951
8. The depth of water table unknown
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 unknown
10. The estimated amount of groundwater withdrawn each year 2,073,600 gallons
11. The log of formations encountered in the drilling of each well if available when putting it full capacity  
None
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

Date

Milton G. Anderson  
12/31/63

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.

29612

STATE OF MONTANA, } ss. 286318  
County of Richland,

Filed this 31 day of

December 1963.

at 8:38 A.M.

E. L. Hooker

E. L. Hooker

County Clerk

filed

for 2200

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No. ....

DUPLICATE

T. 24 R 52 E  
County RichlandSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

Notice of Completion of Groundwater Appropriation  
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater .....

Owner Robert L. Crockett Address Richley Mont

Contractor (if any) .....

Address of Contractor .....

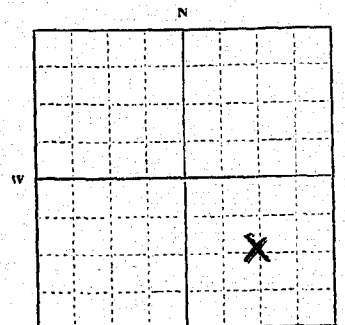
Date Started..... Date Completed.....

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

Spring

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.....

60 gal per minSE 1/4 Sec 21 T 24 R 52  
Indicate point of appropriation  
and place of use, if possible.Signature of Owner Robert L. CrockettDate Dec 27 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.

29431

STATE OF MONTANA, } ss. 28612  
County of Richland,  
Filed in 27 day of  
December 18 1913.  
At 2:45 P. M.  
E. R. Hooker  
County Recorder  
E. Locke  
Deputy

for 200  
filed

File No. ....

DUPLICATE

T. 24 N. 52 R. 5County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECORDED  
JAN 10 1964

Notice of Completion of Groundwater Appropriation UNDER  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater .....

Owner Robert L. Larkett Address Richley Montana

Contractor (if any) .....

Address of Contractor .....

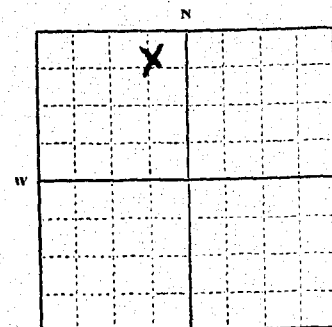
Date Started ..... Date Completed .....

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

spring

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 .....

30 gal per min.Signature of Owner Robert L. LarkettDate Dec 27, 1963NW 1/4 Sec. 22 T. 24 R. 52

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.



STATE OF MONTANA, } 286113  
County of Richland,

Filed this 27 day of  
December 1963

at 2:47 P.M.  
C. L. Kaskin  
County Recorder

C. Cook  
Deputy

for 8200  
files

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No. ....

T. 24 N. R. 52 E.

DUPLICATE

County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1952, Jan. 1.

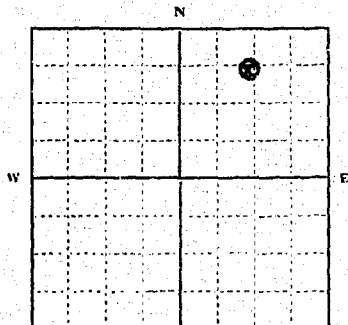
Owner Rudolph Raisl Address Richey, Montana

Contractor (if any) None

Address of Contractor .....

Date Started ..... Date Completed Prior to 1-1-52

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



~~XXXXXX~~  
NE 1/4 Sec. 24 T. 24 R. 52

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 2 cubic  
ft. per second of time as measured pursuant  
to Section 89-817 R.C.M., 1947.

Signature of Owner Rudolph Raisl

Date Dec. 30, 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.

29556

STATE OF MONTANA } ss. 286257  
County of Richland }

Filed this 30 day of  
December 1963  
at 3:08

E. L. Kasper  
Deputy

for 200-  
filed

File No. ....

DUPLICATE

*SECTION No 2*

RECEIVED

MAY 20 1964

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE  
STATE ENGINEER  
OFFICE OF STATE ENGINEER

County .....

JAN 10 1964

STATE ENGINEER

## Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater .....

Owner .....

Address .....

Contractor (if any) .....

Address of Contractor .....

Date Started .....

Date Completed .....

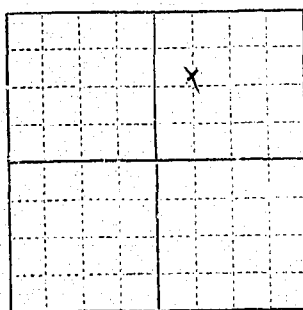
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

*Just Natural Spring*

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.

*Flow all the time*



1/4 Sec. 27 T. 24 R. 52

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

Signature of Owner .....

*Floyd Whitman*

Date: *Dec 31, 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.

File No. ....

DUPLICATE

SECTION 27

RECEIVED  
MAY 20 1964

T. 24 N. R. 52 E. 21

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 20 1964

STATE ENGINEER

## Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater .....

Owner .....

Address .....

Contractor (if any) .....

Address of Contractor .....

Date Started .....

Date Completed .....

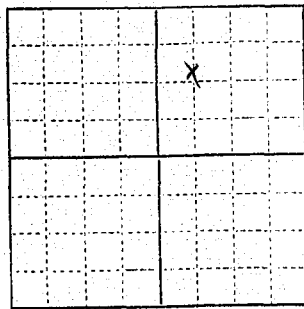
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Just Natural Spring

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 .....

Flow all the time



1/4 Sec. 27 T. 24 R. 52

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

Signature of Owner .....

Date .....

Dec 31, 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.

29804

STATE OF MONTANA, } ss. 286510  
County of Richland, }

Filed this 21 day of

Dec. A. D. 19 163.

at 11:50 o'clock, P. M.

E. L. Karker

County Recorder

R. Atchison

Deputy

fee: 2.00  
filed

File No. ....

T. 24 N. R. 24 E. 28

DUPLICATE

County .....

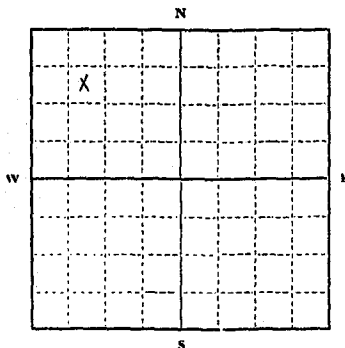
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Floyd Whiteman, of Richey  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 28 T. 24 R. 24  
Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. use all the time
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 Gal
5. If used for irrigation, give the acreage and description of the lands to which water has been applied as name of the owner thereof. no
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. from the Mont. 1/4 of Sec. 28
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. 15 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 30 ft
10. The estimated amount of groundwater withdrawn each year. 2000 Gal
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. none available

Signature of Owner

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

29802

STATE OF MONTANA } ss. 286508  
County of Richland, }  
Filed this 31 day of  
Dec A. D. 19 63  
at 11:48 o'clock P. M.  
E. L. Kooker  
County Clerk of  
B. Atchison  
Deputy

fee: 2.00  
filed



File No. ....

T. 24N R. 52E

DUPLICATE

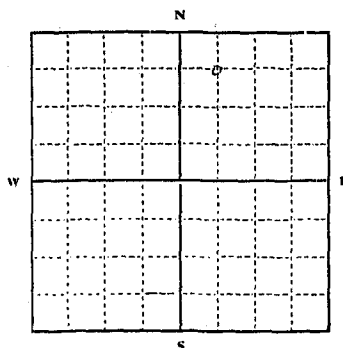
County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 2 1963

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

1. Northern Pacific Railway Company, of N.P. Bldg. St. Paul  
(Name of Appropriator) (Address) (Town)  
County of Ramsey State of Minnesota  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW  $\frac{1}{4}$  Sec 22 T 24N R 52E

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. Furnishing water for livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Continuous since 1961.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 8 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. None.
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. Well, drilled in 1961.
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. 110 feet deep - 12-inch casing.
10. The estimated amount of groundwater withdrawn each year.
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 available.

Northern Pacific Railway Company  
Signature of Owner By [Signature]  
Dist. Supervisor, Graz. & Cult.  
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.

STATE OF MONTANA, } ss. 285510  
County of Richland, }  
Filed this 29 day of  
Nov. A. D. 19 43  
at 2:35 o'clock, P. M.  
C. L. Hooker  
County Recorder  
H. Atchison  
Deputy

fee: \$2.00  
filed

RECEIVED  
MAY 6 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

92


Owner Floyd Whittemore Address Pichey mont  
Driller Frank Valbo Address \_\_\_\_\_  
Date Started April 9, 1958 Date Completed April 14, 1958  
Location: Sec. 29 T. 24 R. 52 1/4 sec.

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

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

Casing: 36 ft. to \_\_\_\_\_ ft. Type wood Size 2 1/2 in  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_  
Perforated or Screened: Ft. 12 to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static Water level, for non-flowing well: 24 ft feet.

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

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

Gravel Pack

(over)

[illegible]

257456

STATE OF MONTANA,  
County of Richland,

Filed this --- 3

at 9:32 o'clock, A.M.

A. M.

---

Ed. J. Foster  
County Recorder

County Recorder

Deputy