

Form No. 18  
8-60

*Revised*  
T. 18 R. 20  
County Jergue

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

X			

Owner John & Ralph Bentley Address Jergue Mont  
Driller William J. Munson, Inc. Address Jergue Mont  
Date Started April 26-1961 Date Completed April 29-1961  
Location: Sec: 24 T. 18 R. 20  $\frac{1}{4}$  sec. SE 4 SW 4

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

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

Casing: 0 ft. to 50 ft. Type 1" std. B.H. Size 4 1/2 O.D.

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

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

Perforated or Screened: Ft. 7 to ft. 42 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Regular

Static Water level, for non-flowing well: 17 feet.

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

Pumping water level 8 feet at 10 gal. per min.

How tested: Bailing

Length of test 2 hrs.

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

Top 3 feet cemented on curve catcher

(over)

## Log of Well.

[illegible]

5401

10

Form No. 18  
8-60

T. 18 R. 205  
County Beauregard

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

24  
STATE ENGINEER

	X	

Owner Ralph Beatty Address Beauregard  
Driller William J. Thompson Address Beauregard  
Date Started July 14-61 Date Completed July 19-61  
Location: Sec. 24 T. 18 R. 205  $\frac{1}{4}$  sec. SE  $\frac{1}{4}$  S. 24

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

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

Casing: 6 ft. to 21 ft. Type Steel Size 6 5/8

Casing: 5 ft. to 50 ft. Type Steel Size 4 1/2

Casing:        ft. to        ft. Type        Size       

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

Type of screen or perforations       

Static Water level, for non-flowing well: 5 feet.

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

Pumping water level 45 feet at 4 gal. per min.

How tested: Boiler & Pump

Length of test adequate

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

Formation shut off

(over)

## Log of Well

State of Michigan, County of Wayne	S.	
Filed	JUL 3 1961	19
at 1:30 o'clock P. M.		
Mary G. Estlin County Clerk and Recorder		

COB

County 700-903

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUL 27 1963

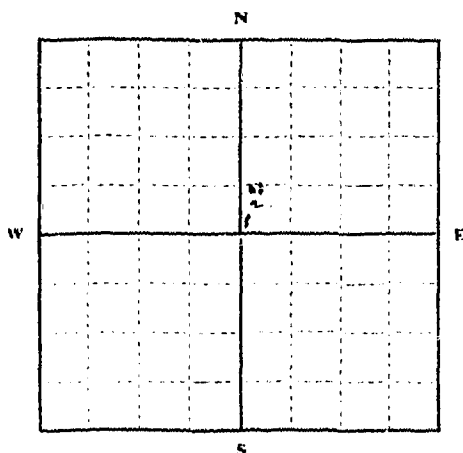
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER'S OFFICE

787943  
(Address) (Town)

State of Michigan

County of \_\_\_\_\_ State of \_\_\_\_\_  
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.

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  
The mean is 27 pumps in wells  
Spring - natural flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1 well July 19-1961 SPT 124 developed 1958 GWT  
2 Wells GWT 1958  
1 Well completed in 1961 depth 5-8 ft

8. The depth of water table 2.4772 Du. in 1958 APPROX 4.77  
APPROX 7.70 m

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 1961 Well drilled 50 Feet Deep 4 1/2 inch casing  
Dug Wells 14 FT deep one cased with 4 FT diameter culvert  
one culvert buried and 3 inch stand pipe  
Spring plank 4 FT wide 4 FT deep X 16 FT long

10. The estimated amount of groundwater withdrawn each year 670 000 gallons

11. The log of formations encountered in the drilling of each well if available *Dug wells & Spring 92007*
- | Well No. | Formation | Depth (ft) | Formation     | Depth (ft) |
|----------|-----------|------------|---------------|------------|
| 1        | Hard Sand | 32-43      | Beaumont Sand |            |
| 2        | Hard Sand | 43-48      | Beaumont Sand |            |
| 3        | Hard Sand | 48-52      | Beaumont Sand |            |
| 4        | Hard Sand | 52-57      | Beaumont Sand |            |
| 5        | Hard Sand | 57-62      | Beaumont Sand |            |
| 6        | Hard Sand | 62-67      | Beaumont Sand |            |
| 7        | Hard Sand | 67-72      | Beaumont Sand |            |
| 8        | Hard Sand | 72-77      | Beaumont Sand |            |
| 9        | Hard Sand | 77-82      | Beaumont Sand |            |
| 10       | Hard Sand | 82-87      | Beaumont Sand |            |
| 11       | Hard Sand | 87-92      | Beaumont Sand |            |
| 12       | Hard Sand | 92-97      | Beaumont Sand |            |
| 13       | Hard Sand | 97-102     | Beaumont Sand |            |
| 14       | Hard Sand | 102-107    | Beaumont Sand |            |
| 15       | Hard Sand | 107-112    | Beaumont Sand |            |
| 16       | Hard Sand | 112-117    | Beaumont Sand |            |
| 17       | Hard Sand | 117-122    | Beaumont Sand |            |
| 18       | Hard Sand | 122-127    | Beaumont Sand |            |
| 19       | Hard Sand | 127-132    | Beaumont Sand |            |
| 20       | Hard Sand | 132-137    | Beaumont Sand |            |
| 21       | Hard Sand | 137-142    | Beaumont Sand |            |
| 22       | Hard Sand | 142-147    | Beaumont Sand |            |
| 23       | Hard Sand | 147-152    | Beaumont Sand |            |
| 24       | Hard Sand | 152-157    | Beaumont Sand |            |
| 25       | Hard Sand | 157-162    | Beaumont Sand |            |
| 26       | Hard Sand | 162-167    | Beaumont Sand |            |
| 27       | Hard Sand | 167-172    | Beaumont Sand |            |
| 28       | Hard Sand | 172-177    | Beaumont Sand |            |
| 29       | Hard Sand | 177-182    | Beaumont Sand |            |
| 30       | Hard Sand | 182-187    | Beaumont Sand |            |
| 31       | Hard Sand | 187-192    | Beaumont Sand |            |
| 32       | Hard Sand | 192-197    | Beaumont Sand |            |
| 33       | Hard Sand | 197-202    | Beaumont Sand |            |
| 34       | Hard Sand | 202-207    | Beaumont Sand |            |
| 35       | Hard Sand | 207-212    | Beaumont Sand |            |
| 36       | Hard Sand | 212-217    | Beaumont Sand |            |
| 37       | Hard Sand | 217-222    | Beaumont Sand |            |
| 38       | Hard Sand | 222-227    | Beaumont Sand |            |
| 39       | Hard Sand | 227-232    | Beaumont Sand |            |
| 40       | Hard Sand | 232-237    | Beaumont Sand |            |
| 41       | Hard Sand | 237-242    | Beaumont Sand |            |
| 42       | Hard Sand | 242-247    | Beaumont Sand |            |
| 43       | Hard Sand | 247-252    | Beaumont Sand |            |
| 44       | Hard Sand | 252-257    | Beaumont Sand |            |
| 45       | Hard Sand | 257-262    | Beaumont Sand |            |
| 46       | Hard Sand | 262-267    | Beaumont Sand |            |
| 47       | Hard Sand | 267-272    | Beaumont Sand |            |
| 48       | Hard Sand | 272-277    | Beaumont Sand |            |
| 49       | Hard Sand | 277-282    | Beaumont Sand |            |
| 50       | Hard Sand | 282-287    | Beaumont Sand |            |
| 51       | Hard Sand | 287-292    | Beaumont Sand |            |
| 52       | Hard Sand | 292-297    | Beaumont Sand |            |
| 53       | Hard Sand | 297-302    | Beaumont Sand |            |
| 54       | Hard Sand | 302-307    | Beaumont Sand |            |
| 55       | Hard Sand | 307-312    | Beaumont Sand |            |
| 56       | Hard Sand | 312-317    | Beaumont Sand |            |
| 57       | Hard Sand | 317-322    | Beaumont Sand |            |
| 58       | Hard Sand | 322-327    | Beaumont Sand |            |
| 59       | Hard Sand | 327-332    | Beaumont Sand |            |
| 60       | Hard Sand | 332-337    | Beaumont Sand |            |
| 61       | Hard Sand | 337-342    | Beaumont Sand |            |
| 62       | Hard Sand | 342-347    | Beaumont Sand |            |
| 63       | Hard Sand | 347-352    | Beaumont Sand |            |
| 64       | Hard Sand | 352-357    | Beaumont Sand |            |
| 65       | Hard Sand | 357-362    | Beaumont Sand |            |
| 66       | Hard Sand | 362-367    | Beaumont Sand |            |
| 67       | Hard Sand | 367-372    | Beaumont Sand |            |
| 68       | Hard Sand | 372-377    | Beaumont Sand |            |
| 69       | Hard Sand | 377-382    | Beaumont Sand |            |
| 70       | Hard Sand | 382-387    | Beaumont Sand |            |
| 71       | Hard Sand | 387-392    | Beaumont Sand |            |
| 72       | Hard Sand | 392-397    | Beaumont Sand |            |
| 73       | Hard Sand | 397-402    | Beaumont Sand |            |
| 74       | Hard Sand | 402-407    | Beaumont Sand |            |
| 75       | Hard Sand | 407-412    | Beaumont Sand |            |
| 76       | Hard Sand | 412-417    | Beaumont Sand |            |
| 77       | Hard Sand | 417-422    | Beaumont Sand |            |
| 78       | Hard Sand | 422-427    | Beaumont Sand |            |
| 79       | Hard Sand | 427-432    | Beaumont Sand |            |
| 80       | Hard Sand | 432-437    | Beaumont Sand |            |
| 81       | Hard Sand | 437-442    | Beaumont Sand |            |
| 82       | Hard Sand | 442-447    | Beaumont Sand |            |
| 83       | Hard Sand | 447-452    | Beaumont Sand |            |
| 84       | Hard Sand | 452-457    | Beaumont Sand |            |
| 85       | Hard Sand | 457-462    | Beaumont Sand |            |
| 86       | Hard Sand | 462-467    | Beaumont Sand |            |
| 87       | Hard Sand | 467-472    | Beaumont Sand |            |
| 88       | Hard Sand | 472-477    | Beaumont Sand |            |
| 89       | Hard Sand | 477-482    | Beaumont Sand |            |
| 90       | Hard Sand | 482-487    | Beaumont Sand |            |
| 91       | Hard Sand | 487-492    | Beaumont Sand |            |
| 92       | Hard Sand | 492-497    | Beaumont Sand |            |
| 93       | Hard Sand | 497-502    | Beaumont Sand |            |
| 94       | Hard Sand | 502-507    | Beaumont 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. Dated May 11 1960  
House 401 State of Montana

on diagram  
#1 Drilled Well  
#2 Dug Well 4FT casing  
#3 Dug Well Culvert Buried in Stampine  
#4 Spring developed 4x4x4x4 ft

Signature of Owner *Ralph W. Bently*

Date Dec 26-1963

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

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

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

13278

17060

COPY

State of Tennessee, ss.  
County of Morgan

Filed DEC 26 1963 1963  
at 2:00 o'clock P.M.

*Wm. R. Rothermel*  
County Clerk and Recorder

*W. R. Rothermel*

17062

File No.

T 18 R 20

DUPLICATE

County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 27 1963

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ralph M Beatty  
(Name of Appropriator)

, of

(Address)

Fergus  
(Town)

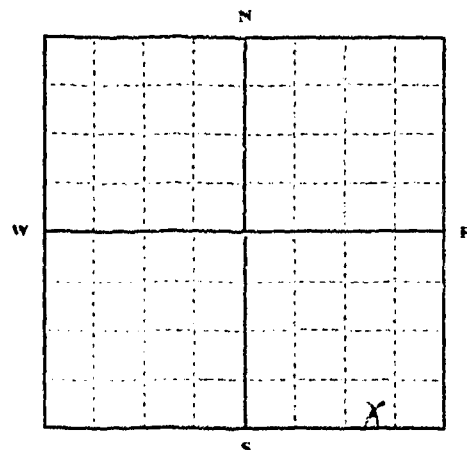
County of

Fergus

State of

Montana

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



SW 1/4 Sec. 24 T. 18 R. 20

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 and Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 19-1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 400 gallons per hour

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  
Approx 35 Acres meadow East of Railroad  
Tract SW 1/4 of SE 1/4 Section 24  
Ralph M Beatty

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started April 26-1961 - Completed April 29-1961

8. The depth of water table 8610 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 1/2 inch casing, 50 feet deep

10. The estimated amount of groundwater withdrawn each year 1,152,000 gallons

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

0-2	Surface Soil	13-15	Silty Shale	33-41	Sandy Shale
2-9	Gravel	15-31	Shale	41-50	Shale
9-13	Per gravel water	31-33	Hard Sand Rock		

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 Recorded, Court House Lemington  
Mont. T. 182

Signature of Owner Ralph M Beatty  
Date Dec 26-1963

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

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

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

13281

17062 COPY

State of Montana } ss.  
County of Butte }  
Filed DEC 26 1963 19  
at 2:00 o'clock P. M.  
Mary Bethune  
County Clerk and Recorder  
200 pr



File No. 17061

T. 18N R. 20E

DUPLICATE

County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 27 1963

STATE ENGINEER

1. Ralph M. Beatty  
(Name of Appropriator)

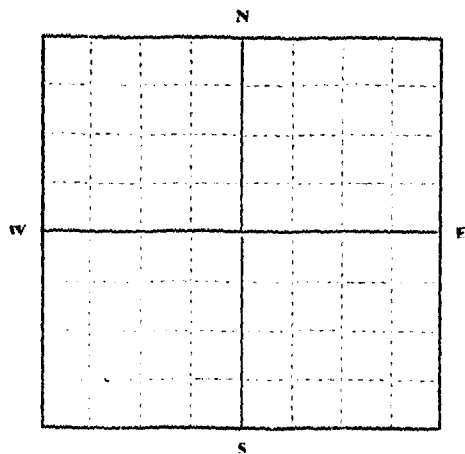
, of (Address)

Fergus  
(Town)

County of Fergus

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 Stock water and irrigation3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945  
Continuous4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3000 gal per min5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
18 acres West of Railroad SW 1/4 Sec 24  
26 acres West of Railroad NE 1/4 & NE 1/4 Sec 24  
Hay ground owned by Ralph Beatty6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Engine driven pump7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 19458. The depth of water table About 4 ft9. 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  
Pk 90X100X12 ft. water withdrawn by  
Mechanical pump10. The estimated amount of groundwater withdrawn each year 2,100,000 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 Ralph M. BeattyDate Dec 26 - 1963

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

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

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

13280

17061

COF<sup>2</sup>

State of Montana, }  
County of Fergus } ss.

Filed DEC 26 1963 19  
at 2:00 o'clock P.M.

Harry R. Anthony  
County Clerk and Recorder

#200 pd

File No. 17064

T 18 R 20

DUPLICATE

County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

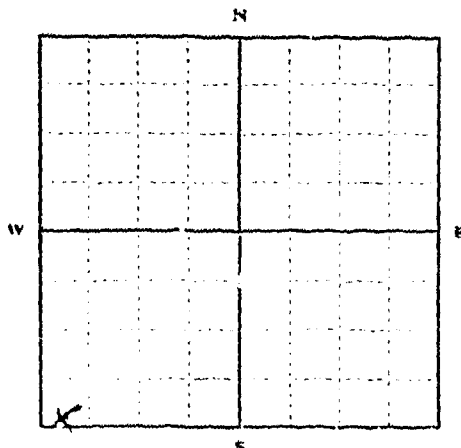
RECEIVED  
DEC 27 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ralph M. Beatty of Fergus Mont  
(Name of Appropriator) (Address) (Town)  
County of Fergus State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 14 T. 18 R. 20

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 and Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been November 1961
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 450 gallons per hour
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  
meadow below irrigation ditch  
Approx 7.6 acres 1/2 E 1/4 of Sec 14  
SW 1/4 of SE 1/4 21st section 24  
Ralph M. Beatty
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Natural Flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater November 1963
8. The depth of water table 6 FT
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater PIT To develop a spring
10. The estimated amount of groundwater withdrawn each year 588 000 gallons
11. The log of formations encountered in the drilling of each well if available  
Sand & gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Ralph M. Beatty  
Date Dec 26 - 1963

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

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

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

13283

17064

COF :

DEC 26 1963  
Filed \_\_\_\_\_ 19\_\_\_\_  
at 2:00 P.M.  
May Rathbun  
County Clerk and Recorder  
2<sup>nd</sup> pt

File No. 22200T. N R. E 24

DUPLICATE

County Fergus

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

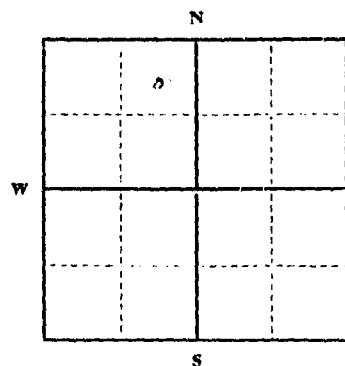
(Elev. above sea level.....)

0 1 Topsoil  
1 10 Sand Gravel  
10 75 Yellow sandy clay  
75 88 Blue sandstone  
88 90 Extremely hard  
90 100 Silicate sandstone  
Water

Owner Bob Lanaru Address Fergus, MontanaDriller George O. Singley Address Lewistown, MontanaDate of Notice of appropriation of groundwater NoneDate well started April 25, 1968 Date completed April 29, 1968Type of well Drilled Equipment used Rotary  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 7/8		0	22			
5 5/8		22	100			
	4" OD 4" ID above 1" VC Plastic casing	2'	102	5/16 holes	40	100



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

Static Water Level for non-flowing well 30 feet.Shut-in Pressure for Flowing Well NonePumping Water Level 70 feetat 15 gal. per minute.

Discharge in gal. per min. of flowing well

NoneHow Tested Air and BailingLength of Test 30 min.

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

Sealed with rubber cavecatcher.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

19  
Driller's License Number

George O. Singley  
Driller's Signature

44-113

32683

COPY

State of Montana, } ss.  
County of Lewis & Clark }

MAY 8 1968

Filed at 2:50 o'clock P.M.

Wm. Rothman  
County Clerk and Recorder

200

File No. 17746T 18 R 20

DUPLICATE

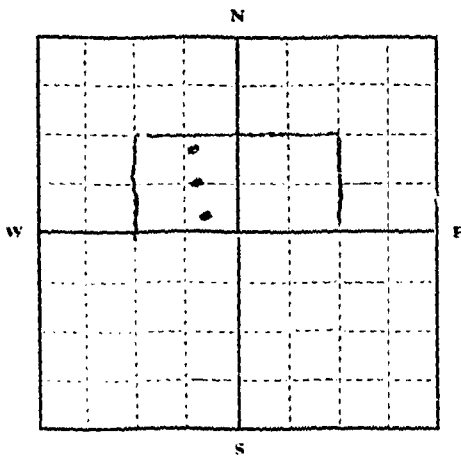
County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert O. Landrum, of Fergus  
(Name of Appropriator) (Address) (Town)  
County of Fergus State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 NW 1/4 Sec. 25 T. 18 R. 20

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  
and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1000 gal per min in each  
pit
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  
about 75 acres in S.E. 1/4 of NW 1/4 of S. 25 T. 18 R. 20  
S.W. 1/4 of NE 1/4 of S. 25 T. 18 R. 20
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
pumps

3 stock water and Irrigation Pits

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1956
8. The depth of water table 6 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
dry pits about 12 ft. deep
10. The estimated amount of groundwater withdrawn each year unlimited
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

3 pits on Remanded Hog meadows

Signature of Owner Robert O. LandrumDate 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.

1989

17746

State of Montana, } ss.  
County of Fergus }

**COPY**

Filed DEC 31 1963

19

at 3:35 o'clock P.M.

\$0.00 p.d.

**MAY RATHBUN**

County Clerk and Recorder



File No.

17358

DUPLICATE

T. 18 R. 20

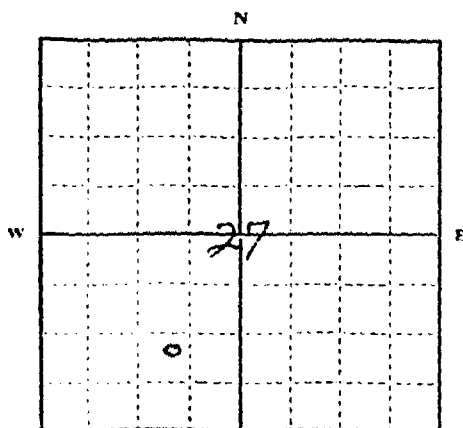
County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bruce R. Landon, of Fergus (Name of Appropriator) (Address) (Town)  
County of Fergus State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 of SW 1/4

1/4 Sec 27 T. 18 R. 20

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

2. The beneficial use on which the claim is based Domestic Use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 20, 1943
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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 Open well  
3/4 mile southwest of pump. Elev.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 20, 1943
8. The depth of water table 12 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 5 inch casing set at 92 ft
10. The estimated amount of groundwater withdrawn each year 20,000 gal.
11. The log of formations encountered in the drilling of each well if available 14 ft Drift, 22 ft Buff sandstone, water 44 ft Hard dark grey sandstone, 28 ft Hard dark sandstone, 18 ft light grey sandstone, 24 ft Hard light grey clay, 20 ft Open grey sandstone - water - 170 ft deep
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

Bruce R. LandonDate December 30, 1963

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

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

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

17285

17358

COPY

State of Montana, } ss.  
County of Fergus.

Filed DEC 30 1963 19

at 2:55 o'clock P.M.

# 200

Wm. R. R. R.  
County Clerk and Records

File No. 17356

DUPLICATE

T. 18 R. 20

County Fergus

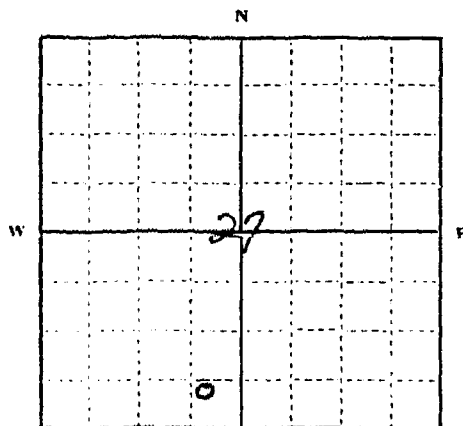
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bruce A. Landrum, of Fergus  
(Name of Appropriator) (Address) (Town)  
County of Fergus State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 of 5 W 1/4

1/4 Sec. 27 T. 18 R. 20

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. December 7, 1944
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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  
No irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump Jack  
and Electric Motor on pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Dec. 7, 1944
8. The depth of water table. 12 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  
open hole. 5 inch casing set at 20 ft; rest
10. The estimated amount of groundwater withdrawn each year. unknown
11. The log of formations encountered in the drilling of each well if available 1 1/2 ft Drift, 6 ft  
Buff Sandstone, 2 1/2 ft Hard Dark sandstone, water  
2 1/2 ft Hard Dark sandy clay, 1 1/2 ft Light Gray sandstone  
2 1/2 ft Hard Light Gray Clay, 20 ft Open gray sandstone, water  
130 ft deep.
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

Bruce A. LandrumDate 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.

17283

17356

COPY

FILED DEC 30 1963

FILED

12:55 P.M.

#900 Pd. *Wm. R. Thompson*  
Court Clerk and Recorder

File No. **17359**

DUPLICATE

T. **18** R. **20**County **Fergus**

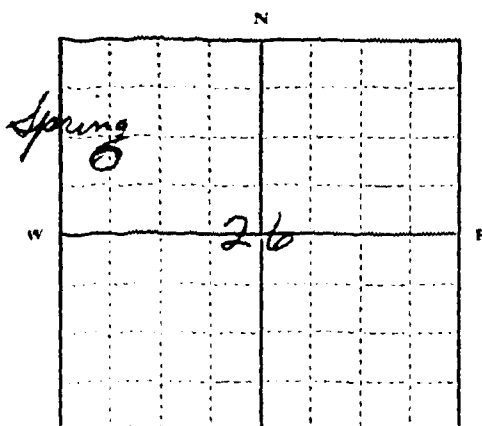
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Bruce R. Landon**, of **Fergus** (Name of Appropriator) (Address) (Town)  
County of **Fergus** State of **Montana**  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



**SW 1/4 of NW 1/4**  
**Sec 27 T18 R20**

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 **1935 continuous use**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **2 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 **no irrigation**
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 **1935 spring**
8. The depth of water table **4 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
10. The estimated amount of groundwater withdrawn each year **continuous running**
11. The log of formations encountered in the drilling of each well if available  
**Sand Spring put in by CCC's**
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

**Bruce R. Landon**Date **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.

17286

17359

State of Missouri } ss.  
County of Platte }

COPY

Filed DEC 20 1911  
at 2:55 o'clock P. M.  
\$ 3.00  
Wm. R. Nathan  
County Clerk and Recorder

GW

17357

Approved Stock Form—State Publishing Co., Helena, Montana—42254

File No. ....

T. 18 R. 20

DUPLICATE

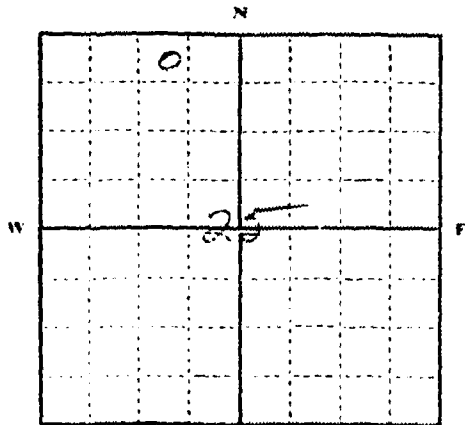
County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

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

1. Bruce R. Landon, of Fergus (Town)  
(Name of Appropriator) (Address)  
County of Fergus State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 of NW 1/4  
Sec 27 T. 18 R. 20

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. July 1961
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 5 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 loca-  
tion of each well or other means of withdrawal continuous  
flow
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater. July 1961 on Box Elder Creek
8. The depth of water table. 5 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater
10. The estimated amount of groundwater withdrawn each year continuous flowing
11. The log of formations encountered in the drilling of each well if available Gravel dug  
out with Back Hoe
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: Bruce R. Landon

Date December 30, 1963

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

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

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

17284

17357

COPY

State of Maryland } ss.  
County of Prince George's

DEC 30 1963

Filed

at 2:55 o'clock P.M.

\$8.00

*Mary Glathorn*  
County Clerk and Recorder



File No. 17748T 18 R 20

DUPLICATE

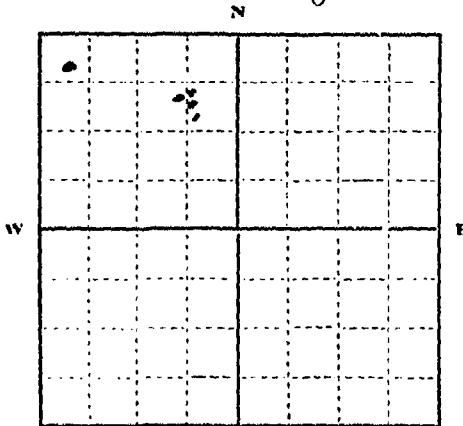
County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



71 W 1/4 of 71 N 1/4 Sec 27-18-20  
71 E 1/4 of 71 N 1/4 Sec 27-18-20

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

3 dug wells  
2 dug pits

2. The beneficial use on which the claim is based stock water  
and house water
3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been 1948
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) Garden's Lawn  
3000 gals per hr
5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
Garden's Lawn
6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal  
pumps
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater 1948
8. The depth of water table 7 ft to 16 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater  
1 well 9 ft deep  
1 well 12 ft deep  
2 pits 10 ft deep
10. The estimated amount of groundwater withdrawn each year unlimited
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

Wells at home building

Signature of Owner Robert O. LandrumDate 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.

19191

17748

State of Montana, }  
County of Fergus. } **COPY**  
Filed DEC 31 1963  
3:35 o'clock P.M.  
#0-00 J.D. MAY RATHBUN  
County Clerk and Recorder

GW

Approved Stock Form - State Publishing Co., Helena, Montana - 422-34

17434

File No.

T 18 N R 20

DUPLICATE

County Fergus

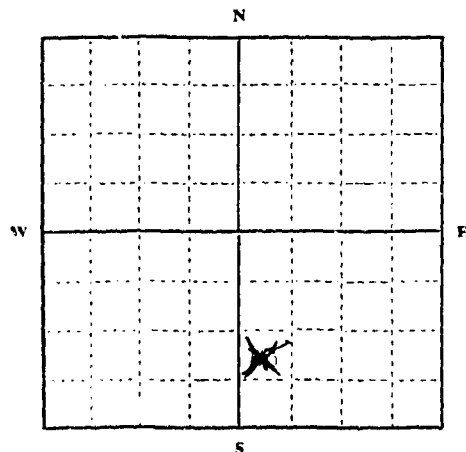
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alan B. Wiedman of Hilger  
(Name of Appropriator) (Address) (Town)  
County of Fergus State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



nw 1/4 sec 1  
wy 1/4 Sec. 30 T. 18 R. 20

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 & yard irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 Gals.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Shallow well jet pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1930
8. The depth of water table 12 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 14 feet deep. 6 inch galvanized casing
10. The estimated amount of groundwater withdrawn each year 500,000 gal.
11. The log of formations encountered in the drilling of each well if available 4 ft. 4 feet top soil, some gravel and the last two feet shale.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Alan B. WiedmanDate 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

17352

17434

State of Montana, } ss. COPY  
County of Fergus }  
Filed DEC 30 1963  
at 4:25 o'clock P.M.  
\$2.00  
Pct  
MAY RATHBUN  
County Clerk and Recorder

File No. 17630T 18 N. R. 20 E.

DUPLICATE

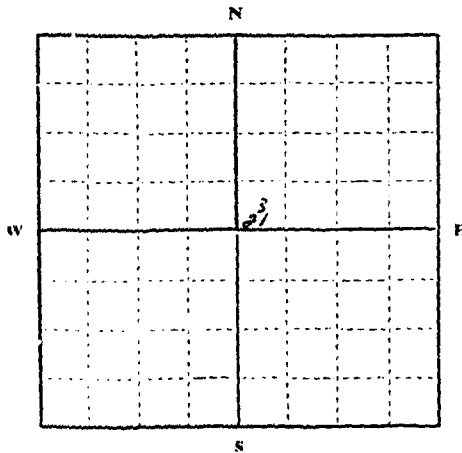
County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John S. Gilpatrick, of Hilder  
(Name of Appropriator) (Address) (Town)  
County of Fergus State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec. 30, T. 18, R. 20

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 Wells 1 & 2  
House water #3 stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been #1 - 1935 continuous  
#2 - 1915 continuous  
#3 - 1925 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 gal. per min. in all wells

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

Not Applicable

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #1 - 1935 #2 - 1915 #3 - 1925

8. The depth of water table Approx 30' in all wells

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 No. 1 - 100' deep, 6" casing, 80' 1 1/2" pipe for deep well, jet pump  
No. 2 - 50' deep, hand dug, 45' 1 1/2" pipe for jet pump  
No. 3 - 190' deep, 6" casing, 185' pipe in well

10. The estimated amount of groundwater withdrawn each year No. 1 & 2 - 45,000 gals #3 - 10,000

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

Signature of Owner John S. Gilpatrick

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.

19090

17630

State of Montana, }  
County of Fergus. } ss.

COPY

Filed..... DEC 31 1963 19

at 1:20 o'clock P. M.  
#2 Ed. MAY RATHBUN  
County Clerk and Recorder

File No. 35121T. 18 N R. 20 E 36

DUPLICATE

County Fergus

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

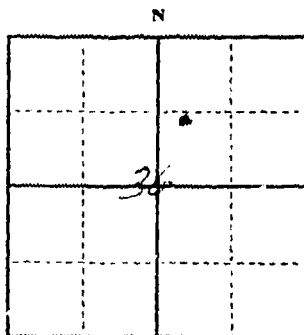
(Under Chapter 237, Montana Session Laws, 1961)

Vernon Taylor

Owner Box Elder Ranch Address Fergus, MontanaDriller George O. Singley Address Lewistown, MontanaDate of Notice of appropriation of groundwater NoneDate well started May 20, 1968 Date completed May 21, 1968Type of well Drilled Equipment used Rotary  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7-7/8		0	21			
5-5/8		21	41			
5-1/8		41	100			
	4 1/2" OD 4 1/2" ID	above ground	2'	slots 1/4" x 4	42	100
			100			



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

S. 1/4 NE Sec. 36 T. 18 N R. 20 E

Static Water Level for non-flowing well 10 feet.Shut-in Pressure for Flowing Well NonePumping Water Level 60 feet  
at 20 gal. per minute.Discharge in gal. per min. of flowing well NoneHow Tested Air and BailerLength of Test 2 hr.

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 19Driller's Signature George O. Singley44-296

38121

State of Montana, } ss.  
County of Fergus, }  
JUL 5 1968

Filed \_\_\_\_\_ 19\_\_\_\_  
at 10:05 o'clock P. M.

May Rathbun  
County Clerk and Recorder

8200



G

Approved Stock Form—State Public-Cons. Co., Helena, Montana—42234

File No. **17040**

T. 16N R. 20E

DUPLICATE

County Fergus, Montana

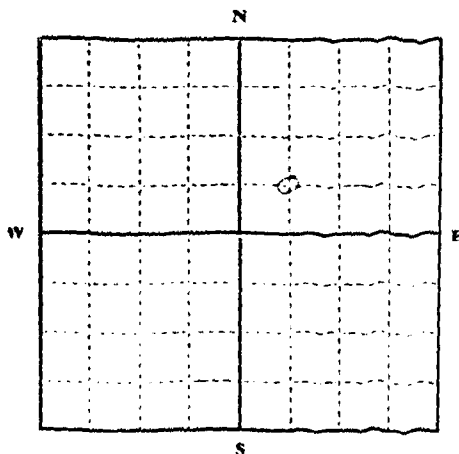
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 22 1963  
STATE ENGINEER

1. Wytana Livestock Company, of Rte. 2, Box 285, Bozeman, Montana  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 36 T. 16N R. 20E

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...  
1931
4. The amount of groundwater claimed (in miner's inches or gallons per minute)...  
Minimum 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
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...  
Commenced March, 1931. Completed March, 1931
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...  
5" casing 40 ft. to 117 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.
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 12-20-63

Partner

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.

13261

17040

COPY

State of Montana, } ss.  
County of Fergus }

Filed DEC. 26 1963 19  
at 10:35 o'clock P. M.

Way Nathan  
County Clerk and Recorder

\$200-  
pr

File No. **17041**

T. 18N. R. 20E

DUPLICATE

County Fergus, Montana

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

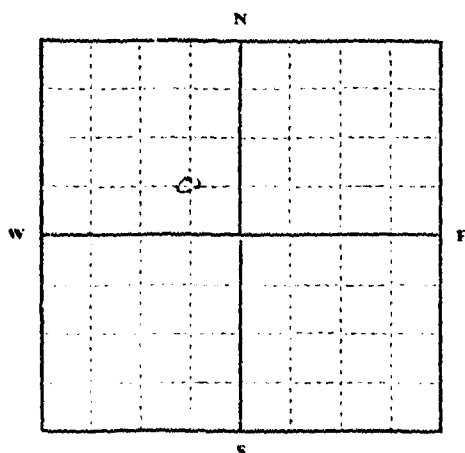
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 27 1963

STATE ENGINEER

1. Wymana Livestock Company, of Rte. 2, Box 285, Bozeman, Montana  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE  $\frac{1}{4}$  NW  $\frac{1}{4}$  Sec. 36 T. 18N. R. 20E

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 Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1931
4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 gallons per minute Minimum
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  
Commenced March, 1931. Completed March, 1931
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  
5" casing 40 ft. 116 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
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

12-20-63

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.

13262

17041

COPY

FILED  
(County Clerk's Office)

Filed DEC 26 1953 19

10:35 a.m.

Wm. R. Ketchum  
County Clerk and Recorder

8200 ph

## GROUNDWATER INDEX

Page 1 of 1

County Fergus Twp. 18 N Rge. 21 E

[illegible]

File No. **16351**

DUPLICATE

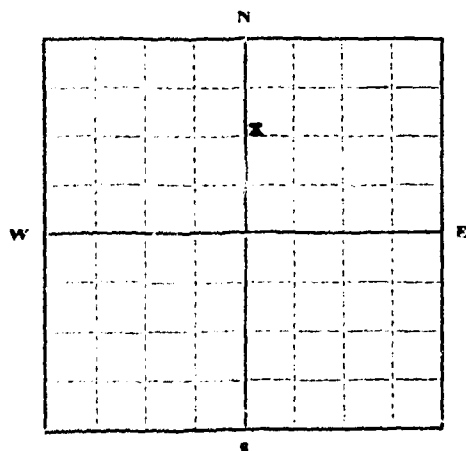
T. 1 R. 1  
County 1STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERR  
NOV 19 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Hazel M. Ywill of 1010 W. Water Lowist m,  
(Name of Appropriator) (Address) (Town)  
County of Fergus State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



\* Sec. 7 T18N-R 21

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

2. The beneficial use on which the claim is based domestic stock water and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 and continuous since that date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 55 miner's 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 Township 18 North, Range 21, Meridian 1, Fergus County, Montana, Sec. 7, T18N-R 21.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by means of a pump location shown on map
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948
8. The depth of water table 60 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 that is 75 feet deep with 6 inch of water
10. The estimated amount of groundwater withdrawn each year estimated 3500 miner's inches
11. The log of formations encountered in the drilling of each well if available not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record unknown

Signature of Owner Hazel M. YwillDate 6-17-63

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.

724

16351

COPY

State of Montana, } ss.  
County of Sanders }

Filed NOV 18 1963

at 4:25 o'clock P.M.

Way Kethum  
County Clerk and Recorder

#200-21

16356

File No. ....

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

DUPLICATE

County .....

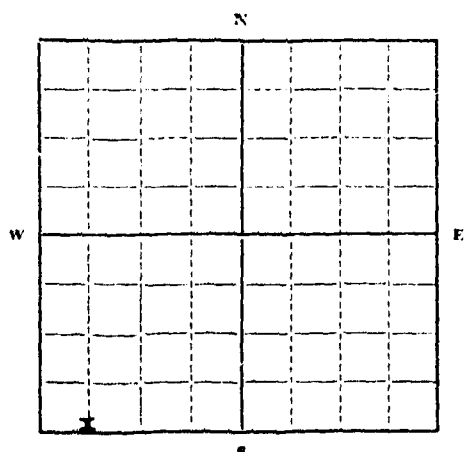
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

NOV 19 1963  
STATE ENGINEER

1. Hazil N. Mill of 1010 W. Water Lewis town,  
(Name of Appropriator) (Address) (Town)  
County of Fergus State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 7 T.18N R.21E

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

2. The beneficial use on which the claim is based. domestic stock water and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1945 and continuous since that date
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 60 miner's 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. Township 18 North, Range 21, N.P. 10, Fergus County, Montana. Section 7; Section 18; Range 21
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. by means of a pump; location shown on map
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. 70 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 that is 10 feet deep with 10 feet of water
10. The estimated amount of groundwater withdrawn each year. estimated 5600 miner's inches
11. The log of formations encountered in the drilling of each well if available. not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. unknown

Signature of Owner Hazil N. Mill

Date 11-12-63

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.



16356

COPY

State of Montana, } ss.  
County of Fergus.

Filed NOV 18 1963  
at 4:25 o'clock P.M.

*Wm. R. Peterson*  
County Clerk and Recorder

\*2<sup>nd</sup> pt.

File No. **16357**

DUPLICATE

T. **12** R. **21**County **Deer**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

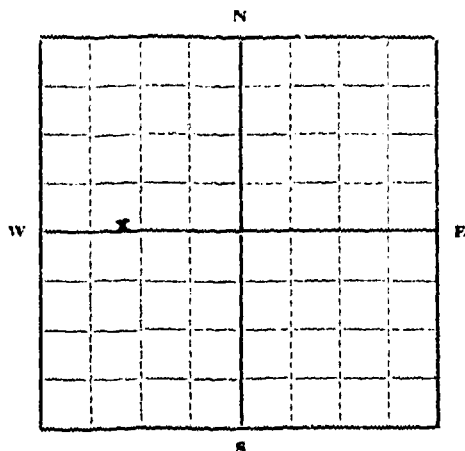
**R**  
NOV 19 1963

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **Haril M. Yuill** of **1010 W. Water** **Lewistown,**  
(Name of Appropriator) (Address) (Town)  
County of **Deer** State of **Montana**  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



**1/4** Sec. **7** T18N R. 21E

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

2. The beneficial use on which the claim is based **domestic stock water and irrigation**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1946 and continuous since that date**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **10 miner's 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 **Township 18 North, Range 21, 1/4 Sec. 7, Deer County, Montana. Section 7, Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **not applicable**
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 **not applicable**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **not applicable**
10. The estimated amount of groundwater withdrawn each year **estimated 1,000 miner's inches**
11. The log of formations encountered in the drilling of each well if available **not applicable**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record **unknown**

Signature of Owner

**Haril M. Yuill**  
Date **11-22-63**

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.

16357

COPY

State of Montana,  
County of Fergus,

Filed NOV 18 1963  
at 4:25 o'clock P. M.

Wray R. R. R.  
County Clerk and Recorder

\$2.00

File No. 16352

Approved Stock Form State Publishing Co., Helena, Montana—19587

DUPLICATE

T. R. S. County

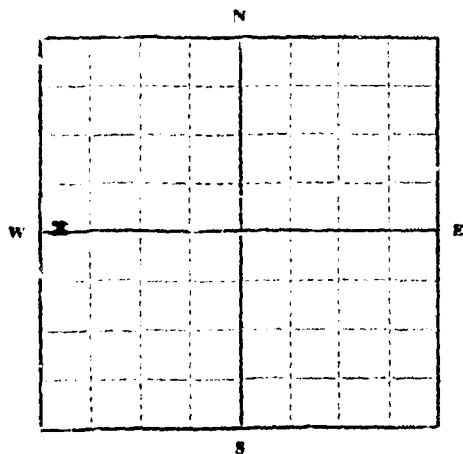
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

NOV 19 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Basil M. Yuill of 1010 W. Water Lewistown,  
(Name of Appropriator) (Address) (Town)  
County of Fergus State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 8 T 19 N R. 21

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

2. The beneficial use on which the claim is based. Domestic stock water and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1948 and continuous since that date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 65 miner's 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. Township 18 North, Range 21, W.P.M., Fergus County, Montana, Section 7, 35, 36, 37, and Section 8, 35, 36, 37, 38.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. by means of a pump; location shown on map
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1948
8. The depth of water table. 6 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 that is 20 feet deep with 14 feet of water
10. The estimated amount of groundwater withdrawn each year. estimated 2500 miner's inches
11. The log of formations encountered in the drilling of each well if available. not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. unknown

Signature of Owner Basil M. Yuill  
Date 10-17-63

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.

19352

COP.

State of Montana, } ss  
(County of Butte)

Filed NOV 18 1963 19  
At 4:25 o'clock P.M.  
May Rethum  
County Clerk and Recorder

\$ 2.00 per

File No. 17597T. 18 N. R. 21 E.

DUPLICATE

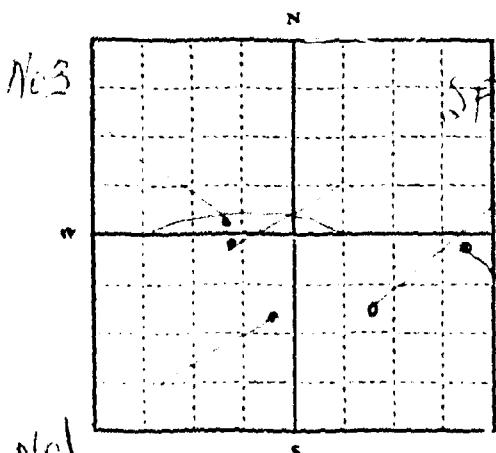
County FERGUS

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. Ronald J. Mason, of Rev (Name of Appropriator) (Address) (Town)  
County of FERGUS State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$  Sec. 11 T. 18 N. R. 21 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 water  
Domestic use, Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1954 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 75 gallons a minute for each well. No. 1, No. 2, No. 3.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Garden & Garden  
Ronald J. Mason
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pumps  
on well 1, 2 & 3.
7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater Well No. 1, Oct. 1, 1954, completed Nov. 1, 1954.  
Well No. 2, Aug. 1, 1957, completed Sept. 1, 1959, Well 3, Old Well.
8. The depth of water table Wells 1 & 2, 45 feet. No. 3, 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 No. 1 & 2 deep wells cased with casing. No. 3 shallow & pipe unapp.
10. The estimated amount of groundwater withdrawn each year No. 1, No. 2, No. 3, 1,000,000 gal. yr.
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.

Signature of Owner

Date 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.

19058

17597

State of Montana, } ss.  
County of Fergus }

COPY

Filed \_\_\_\_\_ 19\_\_

at 11:30 o'clock A. M.

\$ 2<sup>nd</sup> Jd. MAY RATHBUN  
County Clerk and Recorder

File No. **16857**T. **18** R. **21**

DUPLICATE

County **FERGUS**

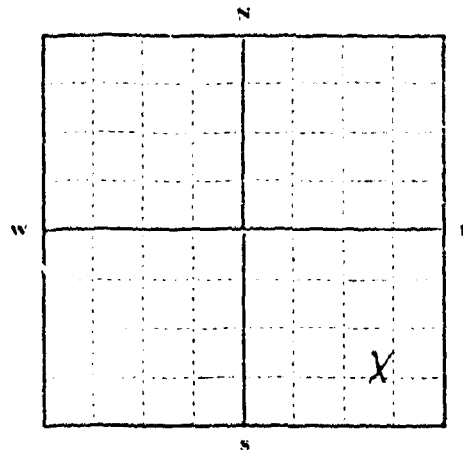
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**RECEIVED**  
**DEC 23 1963**  
**STATE ENGINEER**

1. **JOY PUCKETT** of **BOX 102** **ROY**  
(Name of Appropriator) (Address) (Town)  
County of **FERGUS** State of **MONTANA**  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



**SE 1/4, SE 1/4 Sec 13 T. 18 R. 21**

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**  
**IRRIGATING GARDEN**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **WAS PRESENT WHEN I PURCHASED**  
**THE LAND 1943 FIRST YEAR USED BY ME. USED**  
**INTERMITTENTLY**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **ABOUT TWO 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  
**ABOUT ONE QUARTER ACRE GARDEN PATCH LOCATED**  
**Sec. 13 T. 18 R. 21**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
**GRAVITY PIPE AND OR GASOLINE ENGINE**
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 **3 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 **LUG WELL ABOUT 48 INCHES IN DIAMETER ABOUT SEVEN**  
**FEET DEEP ROCK WALL**
10. The estimated amount of groundwater withdrawn each year **120,000 GALLONS**
11. The log of formations encountered in the drilling of each well if available **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**

Signature of Owner

*Joy Puckett*  
Date **Dec 18 - 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.

11339



16857

COPY

State of Montana, } ss.  
County of ...

Filed DEC 18 1963 19  
at 12:10 o'clock P.M.  
Wm. R. ...  
County Clerk and Recorder

" 2072 -

File No. **16856**T. **18** R. **21**

DUPLICATE

County **PERUS**

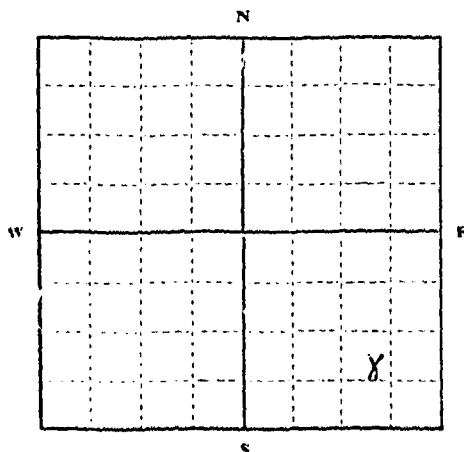
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**RECEIVED**  
DEC 23 1963

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **JOY PUCKETT** of **BOX 102** **ROY**  
(Name of Appropriator) (Address) (Town)  
County of **PERUS** State of **MONTANA**  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



**NE 1/4 Sec. 13 T. 18 R. 21**

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 **RANCH HEADQUARTERS  
HOUSE AND LIVESTOCK**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **ABOUT 1920 CONTINUOUSLY**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **ABOUT ONE 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  
**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.
8. The depth of water table **ABOUT FOURTEEN 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 WELL CASED WITH 22 INCH CULVERT ABOUT  
SEVENTEEN FEET DEEP**
10. The estimated amount of groundwater withdrawn each year **50,000 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 **NONE**

Signature of Owner *Joy P. Puckett*

Date **Dec 18 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 to the Appropriator.

16856

COPY

State of Montana, } ss.  
County of Park.

Filed DEC 18 1910  
at 12:10 o'clock P.M.  
May Rathbun  
County Clerk and Recorder

20 -

GW

17521

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

File No.

T. 18 R. 21 E

DUPLICATE

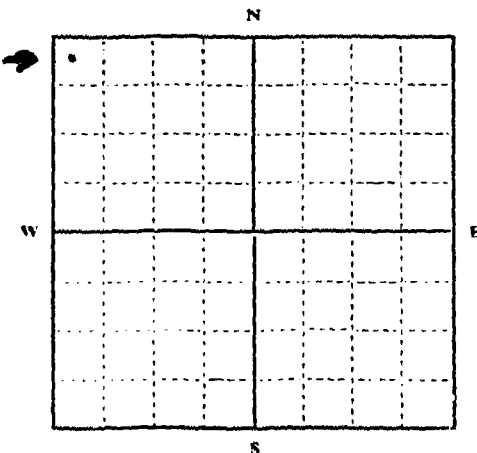
County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Eldwin R. Tait + Florence I. Tait, of Fergus (Name of Appropriator) (Address) (Town)  
County of Fergus State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 17 T. 18 R. 21 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 house hold and domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 17, 1959  
Continuous use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater march 16 and 17 1959
8. The depth of water table 13 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 well 16 feet deep 4 feet in diameter entire well in concrete casing and curbing.
10. The estimated amount of groundwater withdrawn each year 500,000 gal.
11. The log of formations encountered in the drilling of each well if available 2 feet top soil  
12 feet of alluvial gravel  
Colorado shale
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Book of Deeds 164 page 475  
Fergus County Records

Signature of Owner Eldwin R. Tait  
Florence I. Tait

Date December 30, 1963

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

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

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

18987

17521

State of Montana, } ss.  
County of Fergus.

COPY

DEC 3 1 1903

Filed

19

at 10:00 o'clock A.M.

#2<sup>nd</sup> fl

MAY RATHBUN  
County Clerk and Recorder

File No. 16353T. 12 R. 21

DUPLICATE

County Forbes

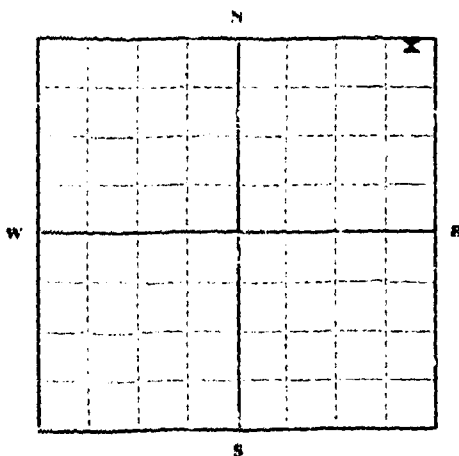
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 19 1963  
STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Hazel M. Willis of 1010 W. Water Levi town  
(Name of Appropriator) (Address) (Town)  
County of Forbes State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 18 T. 12 R. 21

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

2. The beneficial use on which the claim is based domestic stock water and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1941 and continuous since that date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 miner's 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 Township 18 North, Range 21, N.P.M., Forbes County, Montana, Section 7, SE 1/4, Section 8, SW 1/4, Section 17, NE 1/4, Section 18, NE 1/4.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal not applicable
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1941
8. The depth of water table not applicable
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater not applicable
10. The estimated amount of groundwater withdrawn each year estimated 3,000 miner's inches
11. The log of formations encountered in the drilling of each well if available not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record unknown

Signature of Owner Hazel M. WillisDate 6-17-63

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.

16353

COPY

State of Montana  
County of [illegible]

NOV 18 1963

19

Filed  
at 4:25 o'clock P. M.

May Rathbun  
County Clerk and Recorder

\$200.00

File No. **16354**

DUPLICATE

T. **16** R. **21**County **Terrell**

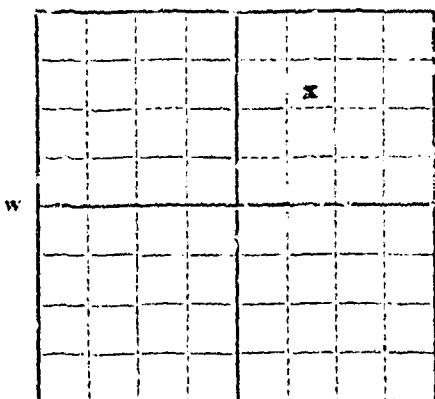
**STATE OF MONTANA**  
**ADMINISTRATOR OF GROUNDWATER CODE**  
**OFFICE OF STATE ENGINEER**

NOV 19 1963  
 STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Basill Mc Mill** of **1010 W. Tater** **Lexington,**  
 (Name of Appropriator) (Address) (Town)  
 County of **Terrell** State of **Montana**  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{3}{4}$  Sec. **16** T. **16N.** R. **21**

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

2. The beneficial use on which the claim is based. domestic stock water and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1941 and continuous since that date
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 miner's 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. Township 16 North, Range 21, T.16N., R.21E., Terrell County, Montana. Section 16, 3/4.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. by means of a pump location shown on map
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1941
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. hand dug well 12 feet deep with 6 feet of water
10. The estimated amount of groundwater withdrawn each year. estimated 2,000 miner's inches
11. The log of formations encountered in the drilling of each well if available. not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. unknown

Signature of Owner: Basill McMill

Date: 16-11-63

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

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

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



16354

CORP

State of Montana, } ss.  
County of Fergus.

Filed NOV 18 1963  
at 4:25 o'clock P. M.  
Mary Reuther  
County Clerk and Recorder

200 ph

G

16355

Approved Stock Form—State Publisher Co., Helena, Montana—39089

File No. ....

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

DUPLICATE

County. ....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

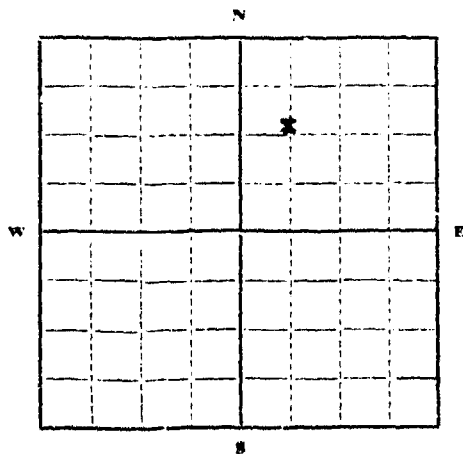
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

NOV 18 1963

STATE ENGINEER

I, Nasir H. Yuill, of 1010 W. Water, Lewistown,  
(Name of Appropriator) (Address) (Town)  
County of Fergus, State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 12, T. 2N, R. 2E

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

2. The beneficial use on which the claim is based domestic stock water and irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 and continuous since that date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 miner's 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 Township 18 North, Range 21, W.P.M., Fergus County, Montana. Section 12, 13, 14, 15, 16, 17, 18.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by means of a well located 300 ft. N. of the point of appropriation.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1961.
8. The depth of water table 5 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well it is 30 feet deep with 10 inch of water.
10. The estimated amount of groundwater withdrawn each year 60 miner's inches.
11. The log of formations encountered in the drilling of each well if available not applicable.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record unknown.

Signature of Owner Nasir H. Yuill

Date 6-17-63

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.

16355

CO.

State of Montana, } ss.  
County of Fergus.

Filed NOV 18 1963 19  
at 4:25 o'clock P. M.

*May Rathbun*  
County Clerk and Recorder

200

Form No. 15  
8-60

T. 18 N R. 21 E  
County Jasper

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 12 1961

WATER WELL LOG

STATE ENGINEER

X		

Owner John D. Smith Address Jasper, Mont.  
Driller William J. Smith Address Jasper, Mont.  
Date Started June 14 - 1961 Date Completed June 12 - 1961  
Location: Sec. 19 T. 18 R. 21 1/4 sec. NE 4 SW 4

Type of well cased Equipment used Tolson  
(Dig, driven, bored, or drilled) (C., D., drill, rotary, other)

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

Casing: 0 ft. to 111 ft. Type 4" P.C. Size 4 1/2 O.D.

Casing:        ft. to        ft. Type        Size       

Casing:        ft. to        ft. Type        Size       

Perforated or Screened: Ft. 11 to ft. 15. Ft. 22 to ft. 18

Type of screen or perforations Regular

Static Water level, for non-flowing well: 22 feet.

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

Pumping water level 49 feet at 5 gal. per min.

How tested: Running

Length of test 2 hrs

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

Gravel packed to 11 ft. Above cement.

(over)