

## GROUNDWATER INDEX

Page        of       

County \_\_\_\_\_ Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	...	...	...	
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File No. 17747T. 17 R. 20

DUPLICATE

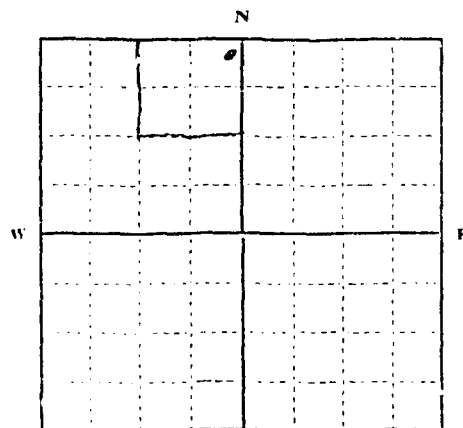
County Fergus

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 C. 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:



Loc 13, NW 1/4

1/4 Sec. 5 T. 17 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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1960
4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 500 gals 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... dug pit open water
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1960
8. The depth of water table... 10 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... dug pits 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 The estimated amount of groundwater withdrawn each year...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

dug pit in Mt. Pasture  
on Doughty Road

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.

19190

17747

State of Maine, } ss.  
County of Penobscot }

**COPY**

DEC 31 1963

19

at 3:35 o'clock P.M.

\$2.00  
P.O.

**MAY RATHBUN**

County Clerk and Recorder

File No. 16221

Approved Stock Form (State Publishing Co., Helena, Montana) 1962

DUPLICATE

T. 17N. R. 20E

County FERGUS

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 13 1963

Declaration of Vested Groundwater Rights

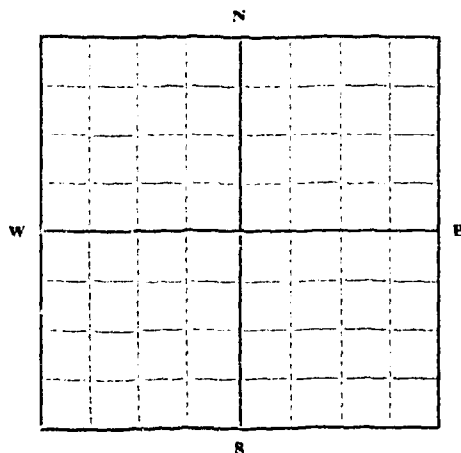
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

RICHARDS

/Y. ME. GEORGE C. JEPPESEN & WILSON J. of GILT EDGE ROUTE 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:



In NW 1/4 NW 4 Sec 36 T. 17 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 domestic use
3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been..... at least five years ago and  
continuous since
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute)..... all - about 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
6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal.....  
dug well walled up with hand pump
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater..... at least five years ago
8. The depth of water table..... water level about 20' from surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater.....  
dug well 22'-23' deep walled up
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.....

GEORGE C. JEPPESEN

Signature of Owners WILSON J. RICHARDS

Date NOVEMBER 3, 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.

16221

COPY

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

Filed NOV 12 1963 19  
at 9:50 o'clock A. M.  
*Wey Rother*  
County Clerk and Recorder

220-PT

File No. **16224**

DUPLICATE

T. **17N** R. **20E**County **FERGUS**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**RECEIVED**  
NOV 13 1963

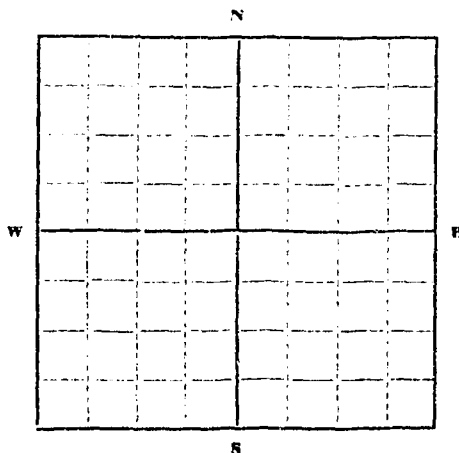
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RICHARDS

By **GEORGE C. JEPPESEN & WILSON J. RICHARDS** of **CHIT EDGE ROUTE** **LENISTOWN**  
(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:

In NW  $\frac{1}{4}$  NW  $\frac{1}{4}$  Sec **36** T. **17** 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. **3 springs for stock water and use at house**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **at least five years ago and continuous since**
4. The amount of groundwater claimed (in miner's inches or gallons per minute). **all about 8 gallons per minute from all three**
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. **By natural springs dug out to increase flow**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. **at least five years ago**
8. The depth of water table. **comes to surface**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. **One spring with tile at head and piped to a stock tank about 90 yards East; one spring, concrete tile at head and piped to house about 100 yards East; one spring dug out and flows down creek to beaver dam below**
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. **The natural flow of all springs was increased by digging and improving**

**GEORGE C. JEPPESEN**Signature of Owner **WILSON J. RICHARDS****NOVEMBER 8 1963**

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

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

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

16224

COPY

State of Montana, } ss  
County of Fergus }

Filed \_\_\_\_\_ 12 1963 19\_\_\_\_  
at 9:50 o'clock A.M.  
May Rothman  
County Clerk and Recorder

\$2.00  
pt

File No. 16222

DUPLICATE

T. 17 N. R. 20 E.

County FERGUS

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

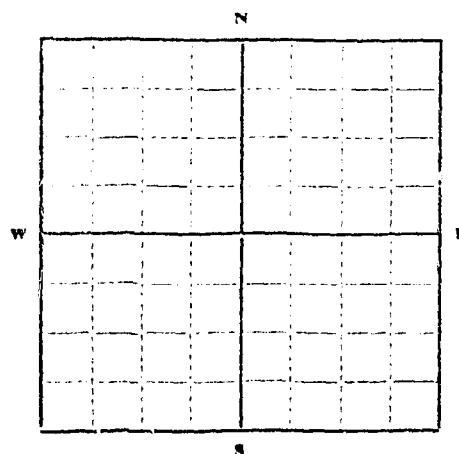
RECEIVED  
NOV 19 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

BY ME, GEORGE C. JEPPESEN & WILSON J. RICHARDS of GILT EDGE ROUTE 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:



In N  $\frac{1}{4}$  Sec. 36 T. 17 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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been...  
at least five years ago and continuous since
4. The amount of groundwater claimed (in miner's inches or gallons per minute)...  
all - about 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...  
one spring dug out walled up with concrete blocks and piped into stock tank
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...  
at least five years ago
8. The depth of water table...  
comes to surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...  
same as 6 above
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...  
the natural flow of this spring was increased by digging out and improving

GEORGE C. JEPPESEN

Signature of Owners

WILSON J. RICHARDS

Date NOVEMBER 8 1963

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

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

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



16222

COPY

State of Montana, ss.  
County of Fairbanks,  
Filed NOV 12 1982 19\_\_\_\_  
at 9:50 o'clock A.M.  
Mary R. Rother  
County Clerk and Recorder  
\$2.00-pr

GROUNDWATER INDEX .....

Page        of       

County \_\_\_\_\_ Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

[illegible]

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

County . . . . .

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

	3	

Owner . . . . . Address . . . . .  
Driller *B. J. Farrell Pulling* Address *Boz*  
Date Started *Jan 21 1958* Date Completed *Jan 23 1958*  
Location: Sec. *3* T. . . . . R. . . . . ¼ sec. . . . .

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: *Surface* ft. to *24* ft. Type *7.5. Black* Size *4 1/2 O.D.*

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

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: *7 ft* feet.

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

Pumping water level . . . . . feet at *1 1/2* gal. per min. . . . .

How tested: *Paired & pumped*

Length of test *1 hr.*

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	
1	5	Loam
5	10	Yellow clay
10	20	Yellow Sandrock
20	25	yellow Sandrock
25	30	Blue shales Sandrock
30	35	Broken sand rock water
35	40	Grey sand rock
45	55	Fine Grey sand rock
55	56	Shells Sandrock hard water
56	65	Soft Grey Sand rock
65	66	Broken rock
66	70	Dark fine Sand
70	80	Dark Sand rock
80	110	Fine light Sand coarse, grey + water
110	125	Light sand coarse
125	130	Dark sand
130	100	Silt & shale

State of Montana  
County of Deer  
Filed 3-30 1928  
at 3:30 o'clock, P. M.  
DORIS E. MINE  
County Clerk and Recorder  
By Wm. R. R. R.  
-30430-

90743

File No. **17837**T. **17N** R. **21E**

DUPLICATE

County **Fergus**

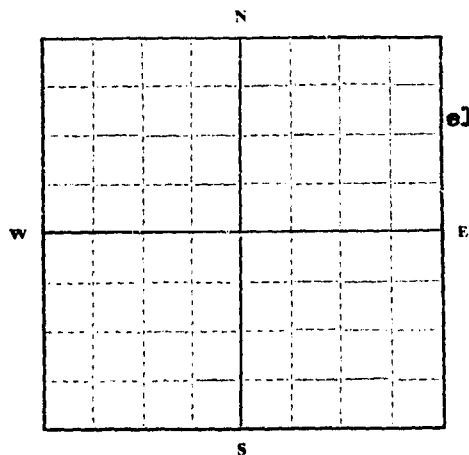
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater **1943**Owner **Fraser Land & Livestock Co., Inc., Box 1352 - Billings**Contractor (if any) **R. E. Fraser**Address of Contractor **Box 1352 Billings, Montana**Date Started **continuous development since 1943** Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. **sub irrigation, scattered springs developed by ditching and blasting.**

1/4 Sec. **T. 17N R. 21E**

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

All of Sec. 22, 27, 14, & B2 Sec 15;  
W2, NE1, SW1, SE1, Sec 21; E2, NE1, NW1, Sec 28;  
NE1, NE1, NW1, Sec. 23; NE1, NE1, SE1, NW1, W2, E2,  
S1, SW1, NW1, SE1, Sec. 26; N1, N1, SE1, NE1, SW1,  
Sec. 36.

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

**variable flow - year around use****FRASER LAND & LIVESTOCK CO., INC.**

Signature of Owner

Date **12/31/63**

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.

17837

COPY

State of Montana, } ss.  
County of Fergus.

Filed JAN 2 1964 19  
at 10:30 o'clock P.M.

Way Lathen  
County Clerk and Recorder

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

File No. 16868T 17 N R 21 E

DUPLICATE

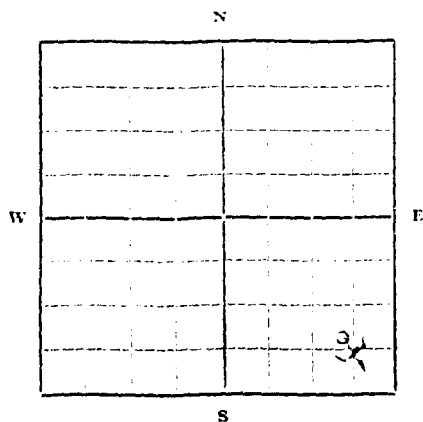
County Levi

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. Bureau of Land Management of Drawer 699 Levi  
(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 Sec. 23 T. 17N 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 for livestock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1940 to present
4. The amount of groundwater claimed (in miner's inches or gallons per minute) All (2 gal/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 N/A
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Gravity flow to catch basin
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1940
8. The depth of water table Surface discharge
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 Gravity flow from surface discharge to 5' x 5' x 7' catch basin with 30' of 1 1/2" pipe to water trough.
10. The estimated amount of groundwater withdrawn each year 1,000,000 gallons
11. The log of formations encountered in the drilling of each well if available Surface discharge from Telegraph Creek Formation? Surface Elevation Approximately 3900'
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 David M. Colton

District Manager

Date December 12, 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.

11350

16868

COT

State of Montana } ss.  
County of \_\_\_\_\_

Filed DEC 18 1968 19  
at 2:00 o'clock P.M.  
May Rathbun  
County Clerk and Recorder

\$200.00



File No. **16223**

T. **17** R. **21**

DUPLICATE

County **FERGUS**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

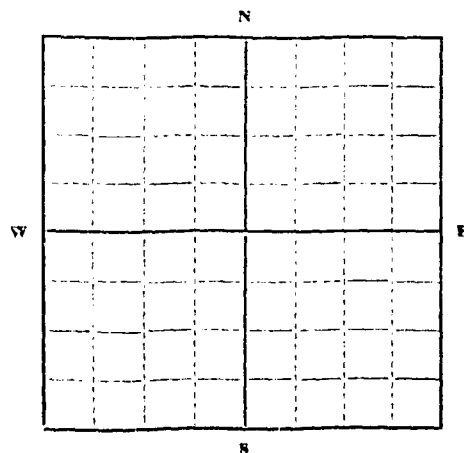
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
NOV 18 1963

STATE ENGINEER

I, **GEORGE C. JEPPESEN & WILSON J. RICHARDS** of **GILT EDGE ROUTE** **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:



In **NE1/4SW4 Sec.31 T.17 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**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
**AT LEAST FIVE YEARS AGO AND CONTINUOUS SINCE**
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....**one well about 2 gallons per minute and the other well about 1 gallon per minute**
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
**2 drilled wells, both artesian**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
**at least five years ago**
8. The depth of water table.....**comes to surface**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....**Claimants are informed that these are both seismograph wells of a depth of approximately 80' and water from each is piped by a one inch pipe to stock tanks within 30' of each well;**
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.....  
**GEORGE C. JEPPESEN**

Signature of Owner **3 WILSON J. RICHARDS**

Date **NOVEMBER 8, 1963**

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

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

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

16223

COPY

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

NOV 12 1963

Filed \_\_\_\_\_  
at 9:50 o'clock P. M.

*Wm. R. R. R.*  
County Clerk and Recorder

#200-21

County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL  
Developed After January 1, 1962

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

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.

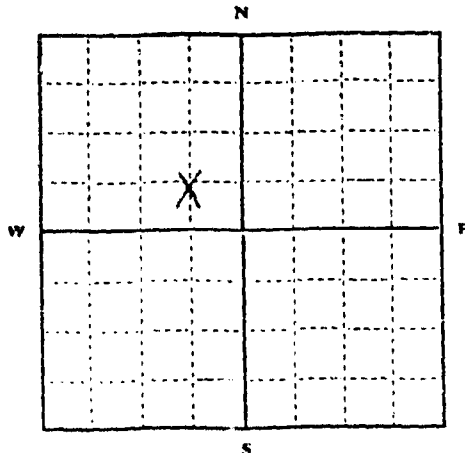
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 514217

June 29, 1973

GW 1 S. 15. R. 21



SE 1/4 N. 4. 1/4 Sec. 35

T. 17 N. R. 21 E.

S. W.

INDICATE POINT OF APPROPRIATION  
AND PLACE OF USE, IF POSSIBLE.  
Elevation of spring, if known or estimated

Owner Traser Land & Livestock Co Inc

Address Box 1252 Billings Montana

Contractor (if any)

Address of Contractor

Date Started Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Well

2. Means of withdrawing water (gravity, pump, canal, etc.) Pump

3. Depth of water table 20 ft

4. Use of the water Stock water & Farmstead

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 60 gal Per min

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year Needed

8. Months of year spring flows 12 months

Signature of Owner Traser Land & Livestock Co Inc

Date June 29, 1973

51429

COPY

State of Montana )  
County of Fergus ) ss.

Filed JUN 10 1974

at 2:15 o'clock P M.

Wm. R. Rother  
County Clerk and Recorder

Fee Paid 62.00

GROUNDWATER INDEX

Page        of       

County \_\_\_\_\_ Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	...	...	...	...
1	...	...	...	...
12	...	...	...	...
12	...	...	...	...
17	...	...	...	...
25	...	...	...	...
24	...	...	...	...
38	...	...	...	...
38	...	...	...	...
31	...	...	...	...
34	...	...	...	...
33	...	...	...	...
31	...	...	17838	...
32	...	...	...	...
35	...	...	...	...
13	...	...	...	...

GW

APPROPRIATION OF GROUNDWATER RIGHTS

File No. 17636

T R

DUPLICATE

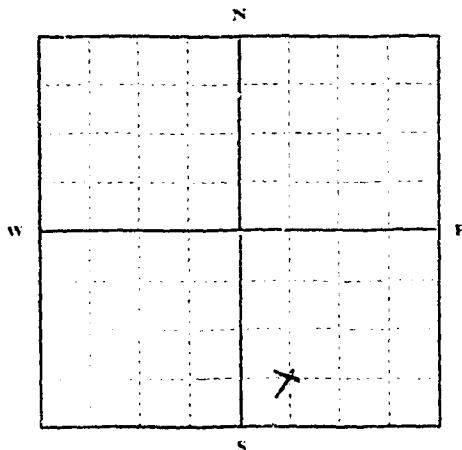
County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. TOM LINN of GUT EDDGE  
(Name of Appropriator) (Address) (Town)  
County of FEDELS State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



in 1/4 Sec. 4 T. 17 R. 2

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

2. The beneficial use on which the claim is based  
FOR IRRIGATION
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1954
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
70 GALLONS
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
NOT APPLICABLE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
PUMP
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
1954
8. The depth of water table  
18 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  
36" - 26 foot deep
10. The estimated amount of groundwater withdrawn each year  
NOT KNOWN
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 Tom Linn

Date 5-21-67

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.

19096

17636

State of Montana, } ss.  
County of Fergus }

COPY

Filed

19

at

11:25

o'clock P.M.

2<sup>nd</sup> fl

MAY RATHBUN  
County Clerk and Recorder

G2

File No.

17637

DUPLICATE

T R

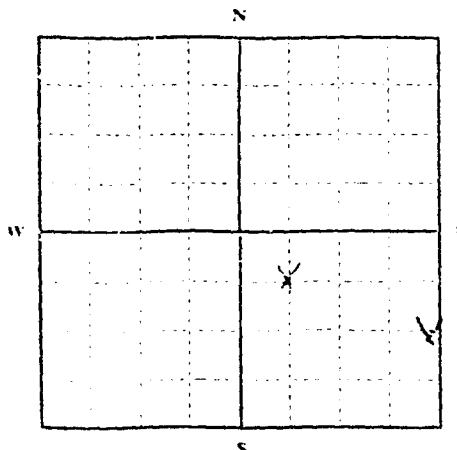
County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. TOM LINK of SALT EDGE  
(Name of Appropriator) (Address) (Town)  
County of LEWIS & CLARK State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$  Sec. 7 T. 17 R. 22

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 WATER
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1954
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
20 GPM
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
NOT APPLICABLE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
PONDS
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
1954
8. The depth of water table  
15 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  
2 WELLS - 15 feet - TOM LINK POND
10. The estimated amount of groundwater withdrawn each year  
NOT KNOWN
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

12/31/63

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.

19097



17637

State of Montana, } ss.  
County of Fergus.

COPY

Filed DEC 31 1963 19

at 1:25 o'clock P. M.

\$ 200 *PL* MAY RATHBUN  
County Clerk and Recorder

T. 12 R. 24 E  
County Beaverhead

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

STATE ENGINEER

WATER WELL LOG

	(12)		

Owner Wm. A. Spradley Address Box 411, Big Lost  
Driller E. E. Harrell Driller Address Big Lost  
Date Started 1-28-1958 Date Completed 1-28-1958  
Location: Sec. 12 T. 17N R. 24E  $\frac{1}{4}$  sec. 25-26

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

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

Casing: Surface ft. to 75 ft. Type Galvanized Size 5" I.D.  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_  
Perforated or Screened: Ft. 30 to ft. 70 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

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

Static Water level, for non-flowing well: 21 feet.

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

Pumping water level 25 feet at 50 gal. gal. per min.

How tested: Hand

Length of test: 2 1/2 hrs.

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

(over)

90776

Log of Well

Description of Material Drilled

Depth, feet  
From To

State of Montana } ss.  
County of Fergus }

Filed FEB 10 1952 19  
at 8:00 o'clock A.M.

DORIS L. WANE  
County Clerk and Recorder

By May Rathburn  
Deputy

27430.

County Tongue

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL  
Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File 51430

June 29, 1977

GW 1 S 15 P 111

Owner Fraser Land & Livestock Co. Inc

Address Box 1352 Billings Montana

Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Stock water Dam

2. Means of withdrawing water (gravity, pump, canal, etc.) \_\_\_\_\_

3. Depth of water table \_\_\_\_\_

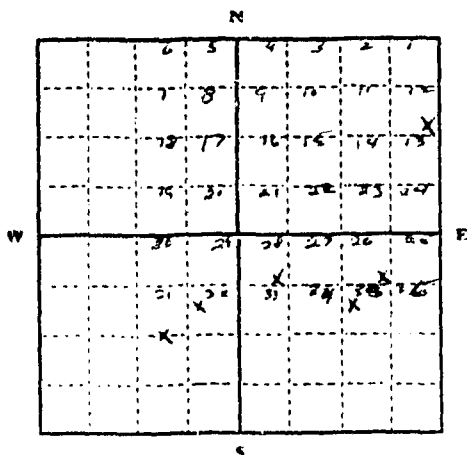
4. Use of the water Stock water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) All need to Fill each Dam & Koe, Filled All drainage under

6. If used for irrigation, give number of acres and description of land \_\_\_\_\_

7. Estimate amount of water used each year \_\_\_\_\_

8. Months of year spring flows 12 months



1/4 Sec.

T. 17 N R. 22 E  
S. 12 S SE 28 W  
S. 26 NW 32  
NW 35 S 31

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated \_\_\_\_\_

mated \_\_\_\_\_

Signature of Owner

Fraser Land & Livestock Co. Inc  
By Tony [Signature]  
Date June 29, 1977

54000

51430 COPY

State of Montana )  
County of Fergus ) ss.

Filed JUN 29 1973

at 2:15 o'clock P.M.

Wray Rothman  
County Clerk and Recorder

Fee Paid \$2.00

17679

DUPLICATE

T17N R22+23E MPM  
County FergusSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Walter S. Brasier,  
(Name of Appropriator)of Box 443  
(Address)Roy  
(Town)County of FergusState of Montana

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

This map would not show all the wells and reservoirs I have on over 5000 acres. I have six wells with windmills and thirteen reservoirs in T17N 22+23E MPM.

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 irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been I have been using water from wells for stock watering since 1911. Also from reservoirs on this place.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) I have flushed irrigated quite a lot. perhaps 100 minus inches from reservoirs
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  
on sec 36 T18R22E and sec 5 T17N R23E also sec 13 T18 R22E also sec 17 T18 R23E. Owned by my wife my daughter and myself
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal from Reservoirs by ditches and laterals.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater These wells have been developed at various times since 1911 and also the reservoirs.
8. The depth of water table various depths from four to thirty six feet. One drilled well is over 60 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 some of these wells are cased with steel pipe, some with galvanized curbing and some with stone
10. The estimated amount of groundwater withdrawn each year I can water four hundred of cows at any of these wells
11. The log of formations encountered, in the drilling of each well if available Most of these wells have been dug by hand in sandy loam. Some are drilled in sandstone
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 Up to now there has been no records kept of the wells on this place as there was no law requiring it. Most of the reservoirs were built with the aid of the D.C.S. and other range programs. Also I am planning on drilling for artesian water on this place

Signature of Owner Walter S. Brasier.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.

17679

COPY -

2/00  
\$2.00

MAY PATHEON  
County Clerk and Recorder

File No. **17639**

T. R.

DUPLICATE

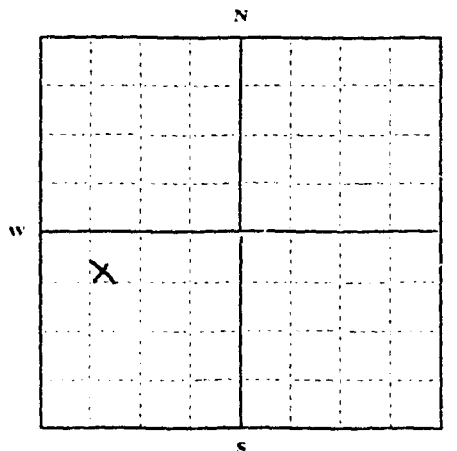
County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. TOM LINT of 614 EDGE  
(Name of Appropriator) (Address) (Town)  
County of FEARLESS State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



MAASW Sec. 17 T. 17 R. 2

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  
STRUCTURING

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1960

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
SPRING - PIPED OUT OF SPRING INTO TANK

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

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  
SPRING - 1'6" deep from spring to tank

10. The estimated amount of groundwater withdrawn each year  
NOT KNOWN

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 12/31/69

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.

19098



17639

State of Montana, } ss.  
County of Fergus.

Filed \_\_\_\_\_ 19\_\_\_\_  
at 12:5 \_\_\_\_\_ o'clock P. M.  
\$25.00 \_\_\_\_\_  
County Clerk and Recorder

File No.

17000

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—3449

T. 17N

R. 22E

3435

County, Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater, 1961

FRASER LAND & LIVESTOCK CO INC.

Owner, Address, Box 1352 Billings, Mont.

Contractor (if any)

Address of Contractor

Date Started, July 1961 Date Completed, Aug 1961

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

blasting & ditching - 2 to ten feet

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.

continuous flow adequate for stock water

(In this area there were various points at which we developed the ground water).

FRASER LAND & LIVESTOCK CO. INC.

Signature of Owner By

Date, 12/31/63

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.

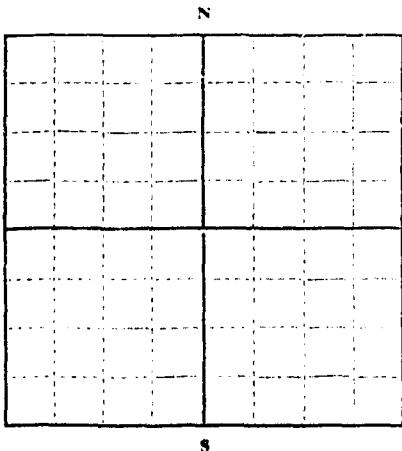
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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.

In Twp 17N, Range 22E 34th Sec. 34;  
SW 1/4, SW 1/4, NE 1/4, Sec. 35;  
In Twp 16N, Range 22E NE 1/4 Sec. 3;  
NE 1/4 Sec. 2.

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

1/4 Sec. T. R.



17838

COPY

State of Montana, } ss.  
County of Fergus.

Filed JAN 2 1964 19

at 10:30 o'clock P.M.

*May Rotten*  
County Clerk and Recorder

\*200 pt.

File No. 16407

DUPLICATE

T. 17 R. 22

County: Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

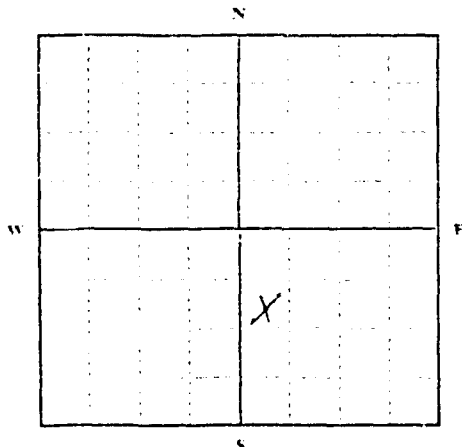
Declaration of Vested Groundwater Rights

Under Chapter 237, Montana Session Laws, 1961

RECEIVED  
NOV 20 1963

STATE ENGINEER

1. Det. M. Bachman of Box 230 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:



N. 1/4, S. E. Sec. 22, T. 17, R. 22

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 water
3. Date or approximate date of earliest beneficial use and how continuous the use has been Approximately 1912  
Annual used most every summer
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Probably 10,000 gallons
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Open pit or water hole for stock
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Has been in use as long as I can tell since 1912 - needs cleaning out now
8. The depth of water table six feet to ten 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 Just a deepened out pit or hole about 20 feet to 30 feet deep
10. The estimated amount of groundwater withdrawn each year 36,000,000 gallons
11. The log of formations encountered in the drilling of each well if available Sandy Clay
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Det. M. BachmanDate Nov 20, 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.

16407

COPY

State of Montana,  
County of Park.

Filed NOV 21 1963 19  
at 4:15 o'clock P.M.

Way Raeburn  
County Clerk and Recorder

8200 pt

File No. **17205**

DUPLICATE

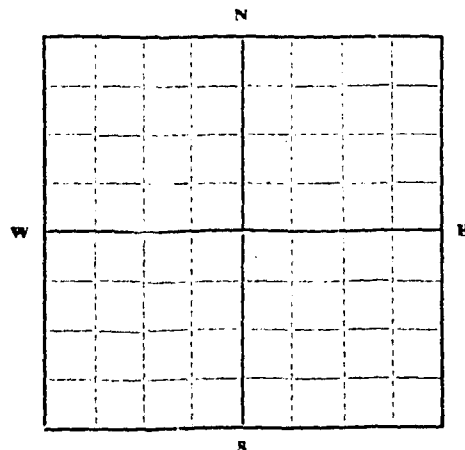
T. 17 N. R. 22 E.

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. **A. J. and LOIS ANN WOODARD** of **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:



SW NE  
NW 1/4 SE Sec. 32 T. 17 R. 22 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.....  
**irrigation and domestic use**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
**August 1, 1961 - continuous use**
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
**2 cubic feet per second**
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.....  
**irrigate 160 acres in Section 32, T. 17 N., R. 22 E. owned by A. J. & Lois Ann Woodard**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
**drainage ditch - reservoir - natural flow**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
**August 1, 1961 - completion**
8. The depth of water table..... **natural flow 1 to surface**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....  
**drainage ditch 1500 feet in length, depth varies from 1 foot to 10 feet**
10. The estimated amount of groundwater withdrawn each year..... **all waters flowing in ditch**
11. The log of formations encountered in the drilling of each well if available..... **none**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner.....

Date **December 26, 1963**

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

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

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

17138

17205

COPY

State of Montana  
County of [illegible]

Filed DEC 30 1963 19\_\_\_\_  
at 10:00 o'clock A.M.  
*Wey Ratthun*  
County Clerk and Recorder  
\* 200-101.

## GROUNDWATER INDEX

Page 1 of 1

County Yuma Twp. 17 N Rge. 12 E

[illegible]



File No. 17397

T 17 R 23

DUPLICATE

County *Trout*

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

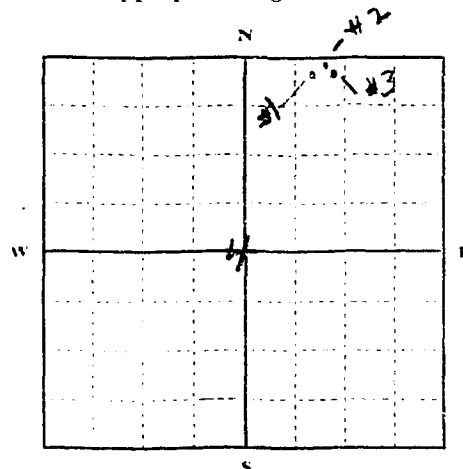
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. *Clarence R. Smith* of *Hill Edge Rd. Livestown*  
(Name of Appropriator) (Address) (Town)

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



NE 1/4 NE Sec. 4 T. 17 R. 23

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 + irrigation #1 + #2 #3 stock water*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *1900 = #1 1930 = #2 #3 spring*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *#1 = 45 gal per min #2 25/min #3 = 3 gal/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. *#1 + #2 irrigate garden, yard + trees, adjacent to them.*
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. *#1 windmill #2 electric pump #3 free flow*
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *#1 about 1900 #2 about 1930*
8. The depth of water table. *well about 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. *#1 60' deep 4" casing windmill pump to surface #2 60' deep 4" casing 4" electric pump #3 surface well*
10. The estimated amount of groundwater withdrawn each year. *#1 - 13,140,000 #2 - 37,420,100 #3 - 1,360,300*
11. The log of formations encountered in the drilling of each well if available. *see log*
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

*Clarence R. Smith*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

17323

17397

State of Maryland  
Court of Appeals  
Filed DEC 30 1913 15  
at 3:55 o'clock P.M.  
B9.00 MAY RATHBUN  
D.C. County Clerk and Recorder

COPY

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

Under Chapter 17, Montana Statutes, 1971

Walter E. Brosier

(Name of Appropriator)

Box 443

(Address)

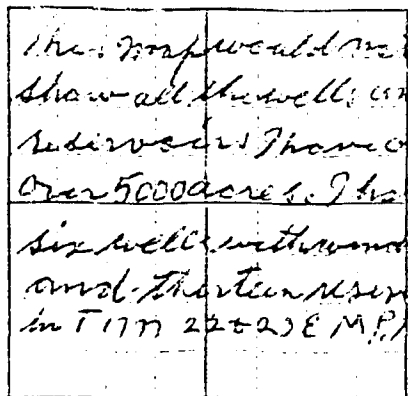
Ray

(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 irrigation*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *I have been using water from wells for stock watering since 1911. Also from reservoirs on this place.*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *I have fluid irrigated quite a bit, perhaps 100 minus inches from reservoir.*
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 *on Sec 36 T18N R22E and Sec 5 T17N R22E also Sec 13 T17N R22E also Sec 17 T17N R22E. Owned by my wife my daughter and myself*
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *from Reservoirs by ditches and laterals.*

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *these wells have been developed at various times since 1911 and also the reservoirs*
8. The depth of water table *various depths from four to thirty six feet, one drilled well is over 60 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. *some of these wells are cased with steel pipe, some with galvanized tubing and some with stone*
10. The estimated amount of groundwater withdrawn each year *I can use four hundred cfs. comes at any of these wells*
11. The log of formations encountered, in the drilling of each well if available *Most of these wells have been dug by hand in sandy loam. Some are drilled in sandstone*
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 *up to now there has been no records kept of the wells on this place. as there was no law requiring it. but most of the reservoirs were built with the aid of the D.C.S. and other range programs. also I am planning on drilling for artesian water this place*

Signature of Owner *Walter E. Brosier.*

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.

19139

File No. 3986

DUPLICATE

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

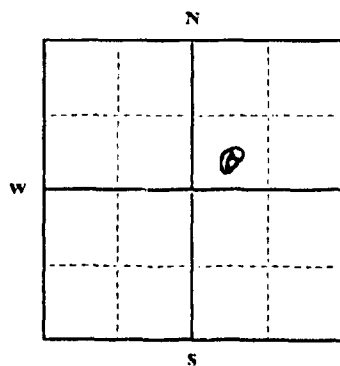
Notice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1962

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

Owner Walter Brasice Address Scenic town, Mont.  
Driller Munson Ind. Co. Address Grass Range  
Date of Notice of appropriation of groundwater Not applicable  
Date well started May 1-67 Date completed June 20-67  
Type 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)
13 3/4"		0	60			
	8 5/8" - 25'	0	60			
6 1/4"	4 1/2" - 9.8'	60	1956	Hole section cemented		
3 7/8"	2 3/8" - 4.8'	1956	2411			
		1914	2411	Regular	2380	2406



Sec. 14 NE 1/4 Sec. 6 T. 17 R. 23  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well \_\_\_\_\_ feet.

Shut-in Pressure for Flowing Well 41 feet.

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

Discharge in gal. per min. of flowing well 5 gal.

How Tested Continuous

Length of Test \_\_\_\_\_

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

Long string - Halber-  
tion cemented  
200 lbs of cement.

(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.

26  
Driller's License Number

B. H. Munson  
Driller's Signature

(See att aerial copies for logs)

Section 100

4-10

10.6 1.78 23-

Section: 3520-572

3-1100 top of shale (red) to 1100

3-1100 top of shale (red) to 1100

1100-1150 Grey shale (red) to 1100

1150-1200 Sand, shale - 11-12-13 sand strike

1200-1250 First Cat Creek sand - fine, red var. silty strike

1250-1300 Silty, red, var. silty strike - 11-12-13 sand strike

1300-1350 Coarse sand shale

1350-1400 Silty, green, shale-red clay strike

1400-1450 Silty, sand - silty shale strike

1450-1500 Vermilion shale - 11-12-13 sand strike

1500-1550 Heavy sand - 11-12-13 sand strike

1550-1600 Silty sand - 11-12-13 sand strike - 11-12-13 sand strike

1600-1650 Silty sand - 11-12-13 sand strike

1650-1700 Clay - 11-12-13 sand strike - 11-12-13 sand strike

1700-1750 Silty sand - 11-12-13 sand strike

1750-1800 Silty sand - 11-12-13 sand strike

1800-1850 Silty sand - 11-12-13 sand strike

1850-1900 Silty sand - 11-12-13 sand strike

1900-1950 Cat Creek sand - 11-12-13 sand strike

1950-2000 Silty sand - 11-12-13 sand strike

2000-2050 Silty sand - 11-12-13 sand strike

2050-2100 Vermilion shale - 11-12-13 sand strike

2100-2150 Silty sand - 11-12-13 sand strike

2150-2200 Silty sand - 11-12-13 sand strike

2200-2250 Silty sand - 11-12-13 sand strike

2250-2300 Silty sand - 11-12-13 sand strike

2300-2350 Silty sand - 11-12-13 sand strike

2350-2400 Silty sand - 11-12-13 sand strike

2400-2450 Silty sand - 11-12-13 sand strike

2450-2500 Silty sand - 11-12-13 sand strike

Section No. 31

Loc. 6 T. 17 N. R. 23 E.

Elevation: 3325 ft.

0-30     Totten of shale (ready to drill)  
30-4110   Gray shale streaks. (beds.)  
1110-1140   Grey shale streaks. Siltstone  
1140-1160   Sandy--sandy to hard  
1728-1740   Sandy shale--hard--then sand streaks.  
1740-1800   First Cat Creek sand-- fine grained very silty streaks.  
            siltiness low, very poor porosity--no water indicated.  
1802-1812   Coarse green shale  
1812-1840   Silty green shale--red clay streaks.  
1840-1902   Silty sand-- siltstone streaks.  
1902-1950   Lenticular streaks of limey sand streaks.  
1950-1960   Limey sand--lime claystone  
1960-2110   Limey sand - to sand streaks. Hard streaks-- sand silty, or  
            poor porosity--flow 3 gal. per min.  
2110-2130   Limey - Vari - colored clay stone and shale.  
2130-2170   Limey sand streaks - varicolored siltstone  
2170-2200   Lime-vari colored siltstone streaks  
2200-2240   White lime of a solid test  
2240-2260   Broken sand - silty sand, streaks. poor porosity - (hard)  
            Get creosote increase in water  
2260-2270   Thin shale-- pyrites-- carbonaceous streaks. (beds) (hard)  
2270-2285   Light d shale - silty, silty, sand streaks. No porosity,  
2285-2290   Variegated shale-- carbonaceous clay  
2290-2320   Hard limey sand fine pyrite sand streaks. coal specks  
2320-2370   Light greyish sand - little silty - poor surface porosity  
2370-2400   Broken coarse sand streaks - chert to silty, sand - glassy streak  
            poor to fair porosity (this sand)  
            Flow increased to 5 gal. per min.  
2400-2450   Shale to sticky shale  
2450     TOTAL DEPTH

14000

COPY

State of Montana,  
(County of Fergus.)

Filed.....JUN 20 1957.....

19

at clock 12 M.

County Clerk and Recorder

File No. 17315

DUPLICATE

T. 17 R. 2 E.

County of Blaine

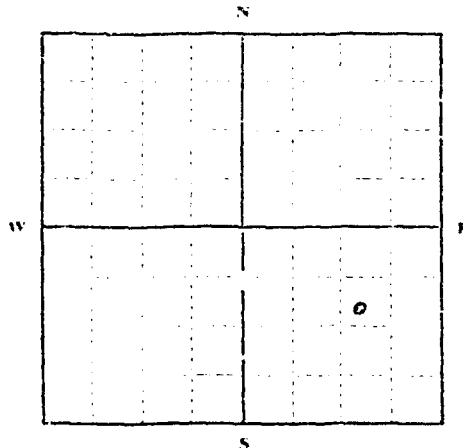
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

Under Chapter 237, Montana Session Laws, 1961.

STATE ENGINEER

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



T. 17 R. 2 E. Sec. 15

Indicate point of appropriation  
and place of use, if possible.  
Each 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 continuous the use has been.

well used about 1922

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

1,000,000 gal

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.

well

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

about 1922 used ever since

8. The depth of water table.

about 1200 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.

this well was originally drilled 1400 ft but I have 22 ft pipe in it

10. The estimated amount of groundwater withdrawn each year.

estimate 1,000,000 gal

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

None is 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 Mar 23, 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.

12074



17015

COPY

State of Indiana  
County of [unclear]

Filed DEC 23 1963 at 2:40 P. M.  
*Lucy Rothbar*  
Clerk and Recorder

*@ 200 g. -*

File No. 17570

T17N. R23E

DUPLICATE

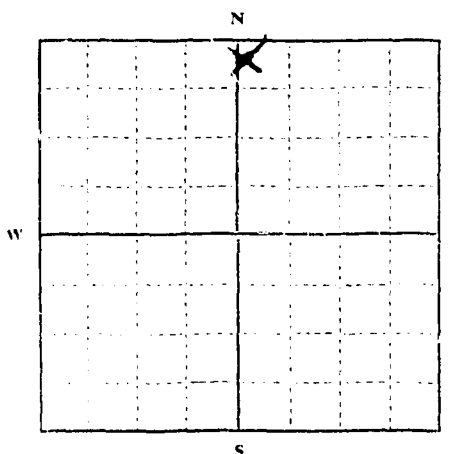
County *Fergus*

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *M.R. Delaney & Sons*, of *Grass Range*,  
(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:



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 *Stockwater*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *Fall of 1959 and continuous since*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *80 gallons per minute*
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof *not used for irrigation*
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *The well is Artesian*
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *The well was started and completed in the fall of 1959*
8. The depth of water table *approximately 1100 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 *1100 feet of 4 inch casing*
10. The estimated amount of groundwater withdrawn each year *40,000,000 gallons*
11. The log of formations encountered in the drilling of each well if available *unavailable*
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record *none*

Signature of Owner

*M.R. Delaney & Sons*  
*Thomas Delaney partner*  
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.

19634

17570

State of Montana,  
County of Park } ss.

COPY

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

at 10:20 o'clock A.M.

\$2.00

MAY RATHBUN  
County Clerk and Recorder

GV.

17569

File No.

DUPLICATE

Approved State Engineer State of Montana

T17N R23E

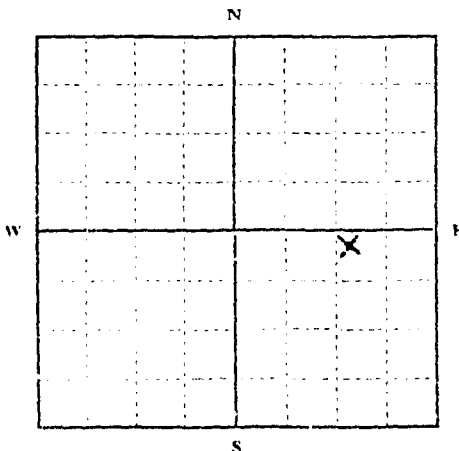
County *Fergus*

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *M.R. Delaney & Sons*, of *Libra Range*  
(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  
~~SE~~ 1/4 SE Sec 31 T17N R23E

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 *5 livestock*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *Early 1920's and ever since*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *0 gallons per minute*
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof *not used for irrigation*
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *it is an Artesian well*
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 *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 *10,000,000 gallons*
11. The log of formations encountered in the drilling of each well if available *unavailable*
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record *none*

*M.R. Delaney & Sons a partnership*  
*Douglas Delaney a partner*  
Signature of Owner  
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.

170 33

17569

State of Missouri  
County of Jackson

COPY

Filed DEC 7 1963  
at 10:30  
J. J. Rathbun  
County Clerk and Recorder

GROUNDWATER INDEXPage 1 of 1

County Franklin Twp. Franklin Rge. 1

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	Leary, Donald F. & H. Helen	GW 1	16417	
3	Murray, George & Helen	GW 1	16418	
4	Murray, George & Helen	GW 1	16419	
5	Murray, George & Helen	GW 1	16420	
11	Leary, Donald & Helen	GW 1	16421	
14	Leary, Donald & Helen	GW 1	16422	
20	Kearney, James	GW 1	16423	
22	Murray, George & Helen	GW 1	16424	
26	Seidel, Donald	GW 1	16425	
27		GW 1	16426	
28	Porter, Henry & Helen	GW 1	16427	
28	Murray, George & Helen	GW 1	16428	
31	Leary, Donald	GW 1	16429	
35	Seidel, Donald	GW 1	16430	
34	Seidel, Donald	GW 3	16413	
34	Seidel, Donald	GW 3	16412	
34	Seidel, Donald	GW 3	16411	

File No. 17089T. 16 R. 16

DUPLICATE

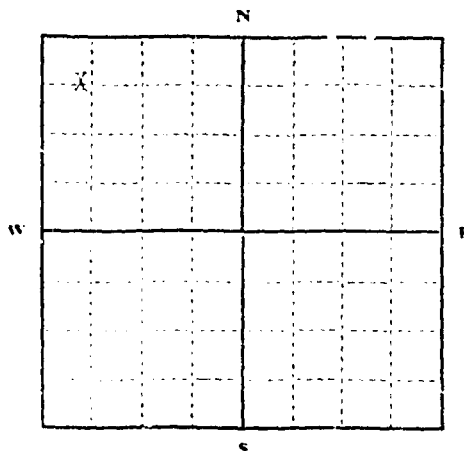
County PERKINS

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RONALD J. LEWIS & S. L. LEWIS, of 702 1/2 S. 1st St. Lewistown  
(Name of Appropriator) (Address) (Town)  
County of PERKINS State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 2 T. 16 R. 16

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

2. The beneficial use on which the claim is based domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
About 1912 and used continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute). About 50 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
3" hand pump in Northwest Quarter of the Northwest Quarter of Section 2, Township 16, Range 16
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater About 1912
8. The depth of water table About 11' below surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
Well dug about 15', cased with about 22" galvanized iron, under house
10. The estimated amount of groundwater withdrawn each year About 10,000 gallons per year
11. The log of formations encountered in the drilling of each well if available  
gravel and 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 none

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

Date DECEMBER 26, 1963

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

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

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

13302

17089

COPY

State of Montana, ) ss.  
County of Park,

DEC 26 1953

Filed at 4:30 o'clock P. M.

Wm. R. Rethman  
County Clerk and Recorder

\*200-*pr*.



File No.

17186

DUPLICATE

T 16N R. 16E

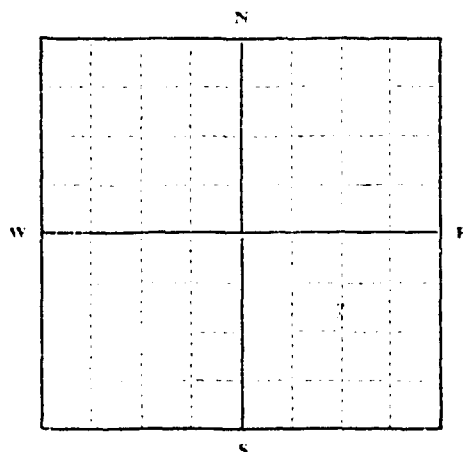
County... FERGUSON

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

GEORGE W. WILSON and JAMES L. WILSON of DANVERS and DENTON respectively  
(Name of Appropriator) (Address) (Town)  
County of... FERGUSON State of... MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



North Half of the Southeast  
Quarter Sec. 8 T. 16N R. 16E

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 continuous the use has been... continuous use since purchasing land in 1950
4. The amount of groundwater claimed (in miner's inches or gallons per minute)... approximately 100 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof... not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Spring is piped out and also flows in creek bed into dam and reservoir on Southeast Quarter of the Northeast Quarter of Section 8, T. 16N R. 16E
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... prior to 1950
8. The depth of water table... flowing spring
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... Spring was dug out and pipe inserted to run water into tank (stock, situated 100 ft. or 200 ft. southeast of the Spring; spring dug and cleaned so that natural flow was increased; entire flow from spring to dam used for stock water;
10. The estimated amount of groundwater withdrawn each year... Spring flows approximately 50 to 100 gallons per minute during whole year
11. The log of formations encountered in the drilling of each well if available... not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record... not applicable

Signature of Owner... George W. Wilson

Date... DECEMBER 27, 1963

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

Please answer all questions. If not applicable, 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.

111407

17186

COPY

State of Arizona  
(County of Pima)

Filed DEC 27 1963 19  
at 4:50 o'clock P.  
Ernest Dettler  
County Clerk and Recorder  
200 pt.

T. 16 N. R. 16 E.

County Big Horn

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

N


Owner George McDonald Morse Address Benton, Montana

Driller \_\_\_\_\_ Address \_\_\_\_\_

Date Started Oct 1, 1957 Date Completed Dec 31, 1957

Location: Sec. 9 T. 16 N. R. 16 E. 1/4 sec. SE

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

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

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

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

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: 42 feet.

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

Pumping water level 45 feet at 15 gal. per min.

How tested: Motor driven pump

Length of test 8 hrs

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

Cement first 4 ft. to bottom, cement blocks next 3 ft.,  
back to 4 ft. from top of well, cement remainder of distance  
Inside diameter approx. 3 ft.

(over)

90633

Copy

Log of Well

State of Montana. } ss  
County of Perms. }

Filed 1:30 o'clock 19

at 1:30 o'clock M.

County Clerk and Recorder

500 ft

Depth, feet

From To