

## GROUNDWATER INDEX

Page 1 of 1

County Fergus Twp. 24 Rge. 20 E

[illegible]

File No. **16863**T. **23 N** R. **20 E**

DUPLICATE

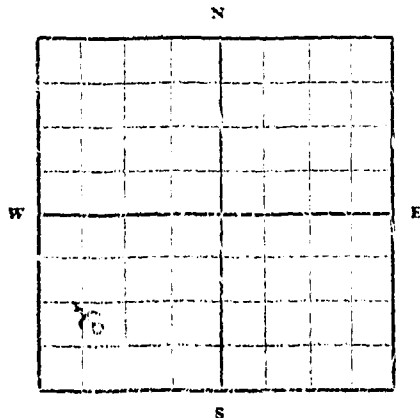
County **Fergus**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

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

1. **Bureau of Land Management** of **Drawer 699**, **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:



**NE 1/4, SW 1/4, Sec 35, T23N, R20E**

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 **1961 to present**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **All (15 gal/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 **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 **started 3/22/63 - completed 5/13/61**
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 rock catch basin - piped to metal stock tank**
10. The estimated amount of groundwater withdrawn each year **130,000 gals.**
11. The log of formations encountered in the drilling of each well if available **surface discharge from Judith River formation in heavily faulted area. Surface elevation 3180'**
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

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.

11345

16863

State of Montana, } ss.  
County of Fergus.

COPY

Filed. DEC 18 1953 19  
at 2:00 o'clock P. M.

Way Rathen  
County Clerk and Recorder

2<sup>nd</sup> pt

## GROUNDWATER INDEX

Page 1 of 1

County Fergus Twp. 22 N Rge. 15 E

[illegible]

File No. 17535

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

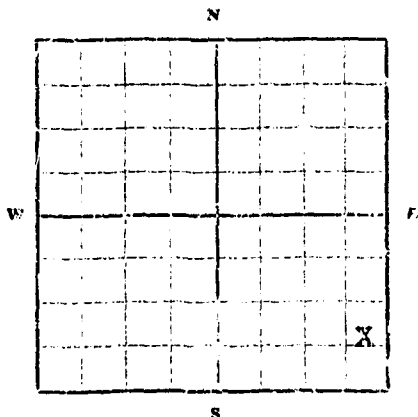
T. 22N R. 15E.

County Fergus

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

RECEIVED  
JAN 3 1964

1. Evers Ranch Co., c/o C. D. Wolfe, of P.O. Box 792 Billings  
(Name of Appropriator) (Address) (Town)  
County of Yellowstone State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows.



S $\frac{1}{2}$ SE. 1/4, Sec 33, T. 22N. R. 15E.

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 spring for livestock water usage
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1890 and to present date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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 piped to tank - reservoir
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater commenced year 1890 - used continuously since
8. The depth of water table 2 feet 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 piped to tank - reservoir
10. The estimated amount of groundwater withdrawn each year 270,000 gallons
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 used for livestock watering purposes since founding of Evers Ranch - prior to 1890

Evers Ranch Co.

Signature of Owner Edna S. Evers Pres.

Date December 19, 1963

STATE OF MONTANA, County of Yellowstone, ss:

Edna S. Evers having first been duly sworn, depose and say that she is of lawful age and the proprietor and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the proprietor and claimant, that she knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this 19 day of December, 19 63

Notary Public for the State of Montana, residing at Billings, Montana My Commission expires April 21, 1964

17535

COPY

State of Montana,  
County of Fergus. } ss.

Filed DEC 3 1 1963 19  
at 10 00 o'clock A M.

*M J Rathbun* MAY RATHBUN  
County Clerk and Recorder

File No. 17534

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

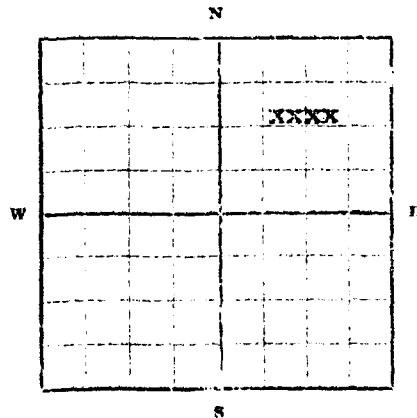
T. 22N. R. 15E.

County Fergus

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

RECEIVED  
JAN 3 1964

1. Evers Ranch Co., C/O C. D. Wolfe P. O. Box 792 STATE Billings  
(Name of Appropriator) (Address) (Town)  
County of Yellowstone State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 34 T22NR 15N.

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 spring - for livestock water
3. Date or approximate date of earliest beneficial use, and how continuous the use has been used continuously since 1890
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal spring water comes to surface
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1890
8. The depth of water table 1 foot to ground level for flowing
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 flowing springs
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 water hole used prior to Montana becoming a State by members of Evers family for livestock purposes.

Evers Ranch Co.

Signature of Owner B. S. Evers Pres.

Date December 19, 1963

STATE OF MONTANA, County of Yellowstone, ss:  
Emma S. Evers is  
the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.  
Subscribed and sworn to before me, this 19 day of December 1963 Emma S. Evers  
Notary Public for the State of  
Montana, residing at Billings, Montana My Commission  
expires April 21, 1964

17534

COPY

State of Montana, } ss.  
County of Fergus.

DEC 31 1893

19

Filed

at 10 o'clock A.M.

\$23.00

MAY RATHBUN  
County Clerk and Recorder



## GROUNDWATER INDEX

Page 1 of 1

County Lergus Twp. 22N Rge. 18E

[illegible]

File No. 17616

DUPLICATE

JON BEE

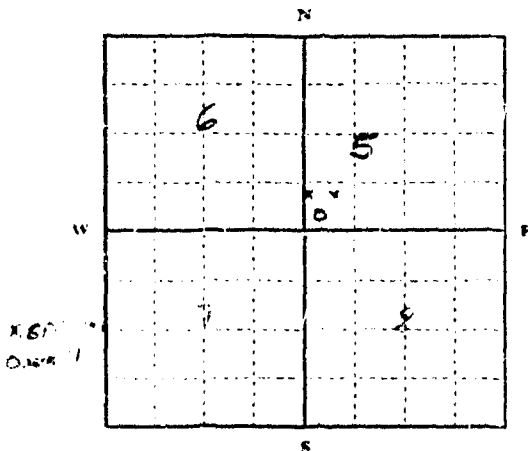
County: FERGUS

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. LEROY M. BERGUM (JACK) of WINIFRED  
(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:



Well SW 1/4 Sec. 5 T. 24 N. R. 18 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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been: DAMS 1955 VERY CONTINUOUS  
SPRINGS 1958 VERY CONTINUOUS  
WELL 1952 VERY CONTINUOUS
4. The amount of groundwater claimed (in miner's inches or gallons per minute): Well 3 gals/min SPRINGS 1 gale/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: NONE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Well - Deep well pump - SPRINGS - NATURAL Flow To TRANK. Location of well SW 1/4 Sec. 5 T. 24 N. R. 18 E. Location of SPRINGS SW 1/4 Sec. 5 T. 24 N. R. 18 E.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well 1952 SPRINGS 1958 DAMS 1955
8. The depth of water table: Well 40' SPRINGS 6'
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 5" 5' 5" Spring 8"
10. The estimated amount of groundwater withdrawn each year: NOT AVAILABLE
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

Date Jan 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.

17616

State of Montana  
County of Lewis & Clark

COPY

FILED DECEMBER 11 1903

at 12:30 o'clock P. M.

13<sup>th</sup> Dec. MAY RATHBUN  
County Clerk and Recorder

File No. **16870**

DUPLICATE

T 22 N R 18 E

County **Fergus**

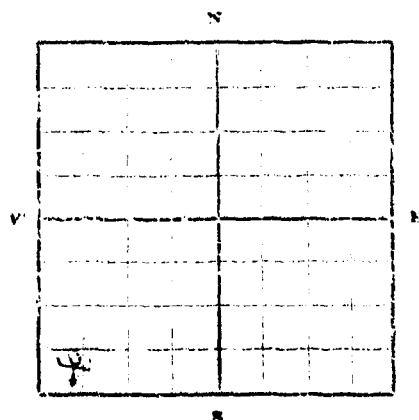
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 28 1963

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

STATE ENGINEER

1. **Bureau of Land Management** of **Drawer 600** **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:



**SW 1/4, SW Sec. 7, T 22N R 18E**

Indicate point of appropriation and place of use, if possible. Each small square represents 16 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 **1960 to present**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **All - 1 gallon/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 **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 metal catch basin**
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 **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 catch basin with 200' of 1 1/2" pipe to second collecting site - and 100' of 1 1/2" pipe from this site to metal tank**
10. The estimated amount of groundwater withdrawn each year **500,000 gallons**
11. The log of formations encountered in the drilling of each well if available **surface discharge from Judith River formation - surface elevation approximately 3300'**
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 *[Signature]*  
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.

11352

16870

COPY

State of Montana }  
County of Fergus }

Filed DEC 18 1963 19  
at 2:00 o'clock P. M.

*Mary Plathburn*  
County Clerk and Recorder

*\$200*

GW -

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

File No.

17617

T. 22 R. 18 E

DUPLICATE

County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

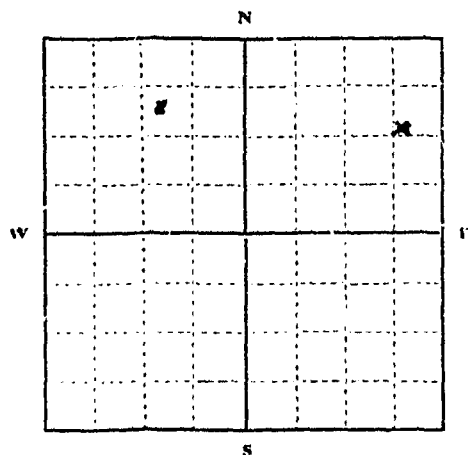
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JAN 3 1968

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Thodore M. Ferguson of Winifred  
(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. 14, T. 22 R. 18 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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1946 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 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 used
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Gravity
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. 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. Springs
10. The estimated amount of groundwater withdrawn each year. Not available
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

Thodore M. FergusonDate 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.

19078

17617

State of Montana,  
County of Fergus. } ss.

COPY

Filed..... DEC 3 1963  
at 12:35..... o'clock P. M.  
# 250d. MAY RATHBUN  
County Clerk and Recorder

File No. **16620**

DUPLICATE

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

T. **22 N.** R. **18 E.**

County **Fergus**

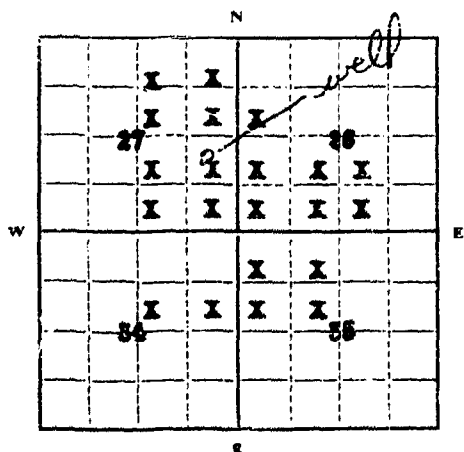
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**RECEIVED**  
DEC 6 1963  
STATE ENGINEER

1. **Louis C. Olson**, of **Winifred, Montana**  
(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. .... T. **22 N.** R. **18 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, stock water and domestic uses**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1920. Continuous since that time**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **approximately 15 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 **SW $\frac{1}{4}$  Sec. 26, NE $\frac{1}{4}$  Sec. 27, SE $\frac{1}{4}$  Sec. 27, SW $\frac{1}{4}$  Sec. 34 and NE $\frac{1}{4}$  Sec. 35, Twp 22 N., Rge. 18 E., 800 acres**
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 dug well 5' x 5' square and 20' deep. Pumped from well**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **commenced and completed in 1920**
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 **pump**
10. The estimated amount of groundwater withdrawn each year **all, estimated at 7 million gallons per year**
11. The log of formations encountered in the drilling of each well if available **none available**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner **Louis C. Olson**

Date **November 21, 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.

1977



16620

COPY

State of Montana,  
County ofergus,

Filed DEC 5 1911  
at 12:55 o'clock P.M.  
*Wm. R. R. R.*  
County Clerk and Recorder

\*20/5

File No. **16621**T. **22** R. **18**

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 6 1963  
STATE ENGINEER

1. **Lewis G. Olson**, of **Winifred, Montana**  
(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:

W E

		X			
	X	X	X	X	X
X	X	X	X	X	X
X	X				

N

1/4 Sec. **23** R. **18**

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

2. The beneficial use on which the claim is based **irrigation, stock water and domestic uses**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1915. Continuous since that time.**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **approximately 15 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 **Section 23, Winifred, Fergus Co., Montana. Sec. 29, Winifred, Fergus Co., Montana. Sec. 31, and Sec. 32, Twp. 22 N., Rge. 18 E. 640 acres**
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 dug well 6' x 6' square and 20' deep. Pumped from well**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **commenced and completed in 1915**
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 **pump.**
10. The estimated amount of groundwater withdrawn each year **all. Estimated at 7 million gallons per year.**
11. The log of formations encountered in the drilling of each well if available **none available**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
- Signature of Owner **Lewis G. Olson**  
Date **November 21, 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.

16621

COPY

State of Indiana }  
County of Perry }

Filed \_\_\_\_\_ 19\_\_\_\_  
at \_\_\_\_\_ 12:55 P.M.

Wm. R. Patton  
County Clerk and Recorder

*Wm. R. Patton*

File No. 15826T. 22 R. 18

DUPLICATE

County FERGUS

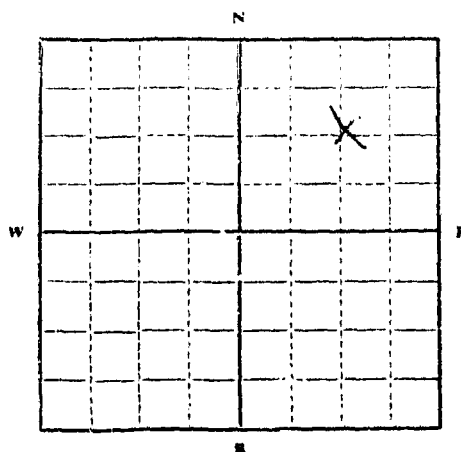
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. HARLAND H. HELLER of WINIFRED, MONTANA  
(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  $\frac{1}{4}$  SW  $\frac{1}{4}$  Sec. 34 T. 22 R. 18

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 at house and buildings
3. Date or approximate date of earliest beneficial use; and how continuous the use has been..... about 6 years ago, used continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 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.....  
No irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
Hand pump and motor driven pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
Completed in about 1957
8. The depth of water table..... About 3'
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 with drag line, about 13' deep, lined with steel culvert 5' diameter and 10' long, with concrete top
10. The estimated amount of groundwater withdrawn each year..... about 435,000 gallons
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..... HARLAND H. HELLERDate..... DECEMBER 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.

10-35

16826

COPY

State of Montana, } ss.  
County of Fergus }  
Filed..... DEC 17 1963 ..... 19  
at 10:10 ..... o'clock P.M.  
May Nathan  
County Clerk and Recorder  
\$200.00

## GROUNDWATER INDEX

Page 1 of 1

County Fergus

Twp. 22 N.

Rge. 19E

[illegible]

File No. 17618

T 22 R 19

DUPLICATE

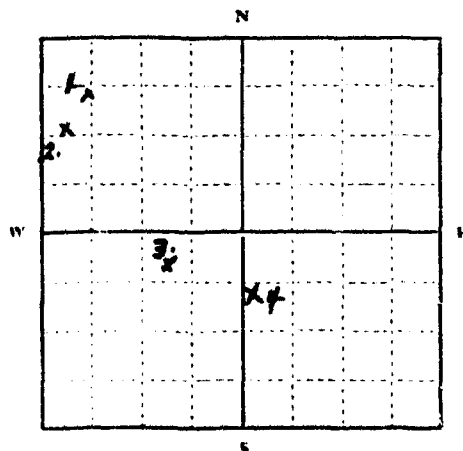
County *Fergus*

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 23, Montana Session Laws, 1961)

1. *Theodore M. Bergman*, of *Wingard*  
(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:



$\frac{1}{4}$  Sec 5 T.22 R.19E

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 *1943*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *No. 1 = 3 gal per min. No. 2 = 2 gal per min. No. 3 = 1 gal per min. No. 4 = 1 gal per min.*
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
*Not used for irrigation*
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *Gravity*
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *1943 to 1956*
8. The depth of water table *Spring (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  
*dry out springs*
10. The estimated amount of groundwater withdrawn each year *Not available*
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

*Theodore M. Bergman*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.

19079

17618

State of Montana, } ss.  
County of Fergus.

COPY

Filed DEC 31 1963 39

at 12:35 o'clock P.M.

W. D. By

MAY RATHBUN  
County Clerk and Recorder



File No. **17619**T. **22** R. **19**

DUPLICATE

County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

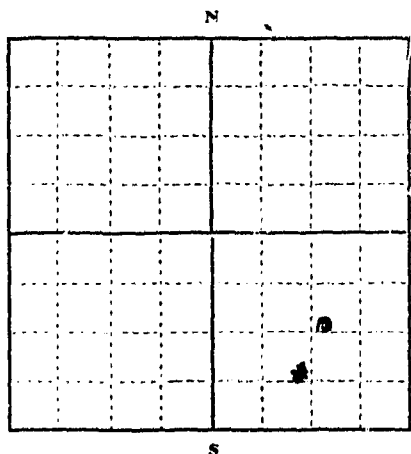
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JAN 3 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harold M. Bergman, of Winifred  
(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:



$\frac{1}{4}$  Sec. 7, T. 22 R. 19 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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1943 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2500 miner's inches Spring & Well
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 Gravel  
to truck
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1942
8. The depth of water table Surface for Spring 18' for well
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  
in well 6x6 ft. pump used plug well 18' to water 10 ft. of water
10. The estimated amount of groundwater withdrawn each year not available
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

Harold M. Bergman

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.

19080

17619

State of Montana,  
County of Fergus

ss.

COP.

Filed

DEC 31 1963

19

at 12:35 o'clock P. M.

\$ 2 = 00

MAY RATHBUN  
County Clerk and Recorder

STATE OF MONTANA



ADMINISTRATORS  
NORMAN J. BEAUDRY, EXEC. SECY.  
P. O. BOX 217  
HELENA, MONTANA 59601  
DONALD A. GARRITY, ATTORNEY  
422 NORTH PARK AVENUE  
HELENA, MONTANA 59601  
JUDSON D. SWEET,  
PETROLEUM ENGINEER  
15 POLY DRIVE  
BILLINGS, MONTANA 59101  
HERBERT D. HADLEY, GEOLOGIST  
15 POLY DRIVE  
BILLINGS, MONTANA 59101

OIL AND GAS CONSERVATION COMMISSION

525 FULLER AVENUE  
BOX 217  
HELENA, MONTANA 59601

COMMISSIONERS  
WINSTON L. COX, CHAIRMAN  
525 SECURITIES BLDG.  
BILLINGS, MONTANA 59101  
ALLEN ZIMMERMAN, VICE CHAIRMAN  
P. O. BOX 277  
POPLAR, MONTANA 59255  
E. G. BALSAM  
2300 PEARL  
MILES CITY, MONTANA 59701  
L. V. HARRIS  
HORSKY BLOCK BLDG.  
HELENA, MONTANA 59601  
C. J. IVERSON  
WHITLASH, MONTANA 59545

December 23, 1969

Water Conservation Board  
Water Resources Engineer  
Sam W. Mitchell Bldg.  
Helena, Montana 59601

Dear Sir:

Enclosed you will find a copy of a Release Agreement for  
the utilization of a fresh water well.

Texas Pacific Oil Company  
T. M. Bergum  
Well No. 1  
Section 8, Twp 22N Rge 19E

Yours very truly,

*NJB*  
Norman J. Beaudry  
Executive Secretary

NJB/mhl

cc: Mr. E. W. Vond  
Bureau of Mines and Geology  
Butte, Montana 59701

MONTANA WATER RESOURCES BOARD  
RECEIVED

DEC 29 1969

APPROVED BY:

Oil and Gas Conservation Commission

*Judson D. Sweet*  
Petroleum Engineer, Geologist, or Executive Secretary

Dated: *Dec. 18*, 1969

MONTANA WATER RESOURCES BOARD  
RECEIVED

DEC 29 1969

OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF MONTANA

RELEASE AGREEMENT



KNOW ALL MEN BY THESE PRESENTS, that I, J. M. Bergum

\_\_\_\_\_ of the County of POTTER in  
the State of Montana, am the owner of the hereinafter described land upon which  
a well for oil or gas was drilled, to-wit:

Operator TEXAS PACIFIC OIL COMPANY

Lease Name T. M. Bergum

Well No. 1 Sec. 8, Twp. 22 N., Rge. 19 E.

The well is located 990 feet N of the South line  
line and 1090 feet E of the West line.

That, in accordance with Regulation 233.6, Order No. 1-1, November 30,  
1953, I do hereby notify the Oil and Gas Conservation Commission of the State  
of Montana of my desire to utilize said well as a fresh water well; and, that  
if such utilization is approved, I do hereby release and discharge the operator  
hereinabove named from any further work or responsibility in relation to the  
plugging of said well.

Water Use: Domestic X Municipal \_\_\_\_\_ Stock X Other \_\_\_\_\_  
Industrial \_\_\_\_\_ Drainage \_\_\_\_\_ Irrigation \_\_\_\_\_

Producing Depth 1332' to 1499' Producing Formation Gule

Yield of well 8 1/2 GPM Annual Withdrawal 7,300 Bbls

WITNESS my hand and seal this 2nd day of Aug, 1967

J. M. Bergum (L.S.)  
Landowner

Address Winifred, Mont

IN THE PRESENCE OF:

Opren T. Repp Address Winifred, Montana

Glenn A. [unclear] Address Winifred, Montana

APPROVED BY:

Oil and Gas Conservation Commission

Judson A. [unclear]  
Petroleum Engineer, Geologist, or Executive Secretary

Dated: Nov. 18, 1967

RECEIVED  
OIL AND GAS CONSERVATION COMMISSION  
STATE OF MONTANA

4/6 008

FORCES BOARD  
VED

30 1969

OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF MONTANA

RELEASE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, that I, J. M. Bergman

\_\_\_\_\_ of the County of Beauregard in  
the State of Montana, am the owner of the hereinafter described land upon which  
a well for oil or gas was drilled, to-wit:

Operator TEXAS ELECTRIC OIL COMPANY

Lease Name T. M. Bergman

Well No. 1 Sec. 8, Twp. 22 N., Rge. 19 E.

The well is located 990 feet <sup>N</sup> of the South line  
line and 1090 feet <sup>E</sup> of the West line.

That, in accordance with Regulation 233.6, Order No. 1-1, November 30,  
1953, I do hereby notify the Oil and Gas Conservation Commission of the State  
of Montana of my desire to utilize said well as a fresh water well; and, that  
if such utilization is approved, I do hereby release and discharge the operator  
hereinabove named from any further work or responsibility in relation to the  
plugging of said well.

Water Use: Domestic X Municipal \_\_\_\_\_ Stock X Other \_\_\_\_\_  
Industrial \_\_\_\_\_ Drainage \_\_\_\_\_ Irrigation \_\_\_\_\_

Producing Depth 1330' to 1499' Producing Formation Beauregard

Yield of well 81 GPM Annual Withdrawal 7,300 GPM

WITNESS my hand and seal this 2nd day of Aug, 1969

J. M. Bergman (L.S.)  
Landowner

Address Winifred, Mont

IN THE PRESENCE OF:

Opfer T. Hepp Address Winifred, Montana

Shirley A. Hepp Address Winifred, Montana

APPROVED BY:

Oil and Gas Conservation Commission

Judson A. Sweet  
Petroleum Engineer, Geologist, or Executive Secretary

Dated: Aug 8, 1969

General Rules and Regulations  
Order No. 1-1, Nov. 30, 1953  
Regulation 233.6

**WELLS USED FOR FRESH WATER**

When the well to be plugged may safely be used as a fresh water well, and such utilization is desired by the landowner, the well need not be filled above the required sealing plug set below fresh water; provided, that written notification of such utilization is secured from the landowner and filed with the Commission. Approval by the Petroleum Engineer of the work done shall relieve the operator of further responsibility.

File No. **16330**

T. 22N R. 19E

DUPLICATE

County **FERGUS**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

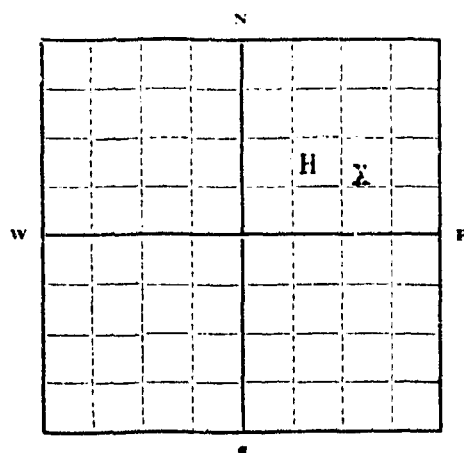
RECEIVED  
NOV 13 1963

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **TOM KJOELIEN**, of **WINIFRED**  
(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:



NE 1/4 SW Sec. 23 T. 22 R. 19

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 house use**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **4 years ago on drilled well, and 8 years ago on dug well - use has been continuous since**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **1/2 gallons per minute on drilled well, 1 gallon per minute on dug well**
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. **drilled well at house marked H in above plat, withdrawn by hand pump; dug well at X marked in above plat, withdrawn by motor and/or hand pump;**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. **Drilled well at house, completed about four years ago; dug well about 200' East of house, completed about eight years ago;**
8. The depth of water table. **About 10' 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. **Drilled well 67' deep with 5" casing; dug well 18' deep**
10. The estimated amount of groundwater withdrawn each year. **about 18,000 gallons from drilled well, and about 300,000 gallons from dug well**
11. The log of formations encountered in the drilling of each well if available. **Sandy shale, then through 4' of sand to water (drilled well);**
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 KJOELIEN**Date **NOVEMBER 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.

16330

COPY

State of Montana, } ss.  
County of Fergus }

NOV 18 1963

Filed.....19

at 4:35 o'clock P. M.

Wey Rothermel  
County Clerk and Recorder

\$200.00



RECEIVED

T. 12 N R. 19 E 23  
County Blaine

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Robert Thompson Address Billings, Montana  
Driller George C. Singley Address Lewistown, Montana  
Date Started September 18, 1959 Date Completed Sept. 20, 1959  
Location: Sec. 5 T. 12 R. 19 1/4 sec.

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

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

Above ground  
Casing: 1 ft. to 42-2" ft. Type 3 & 3 Size 5 3/16 ID  
Casing: 35 ft. to 131-61 ft. Type 3 & 3 Size 4 1/2 ID  
Casing:        ft. to        ft. Type        Size       

Perforated or Screened: Ft. 70 to ft. 106 Ft.        to ft.         
Type of screen or perforations lots

Static Water level, for non-flowing well: 60 feet.

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

Pumping water level: 105 feet at 2 1/2 gal. per min.

How tested: Surfing

Length of test: 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
Save cuttings set above perforations 5" casing sealed with cement

(over)

### Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	1	Topsoll
1	40	Shale rock langes
40	55	Sandstone cry
55	69	shale rock
69	80	sandstone ater
80	100	Rocky shale
100	106	Sandstone ater
106	120	Grey shale
120	132	Brown shale Coal ater

*[Handwritten signature]*

*[Date stamp: 1972, Dec 10]*

04056

File No. **17135**T. **22N 19E**

DUPLICATE

County **Lehigh**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

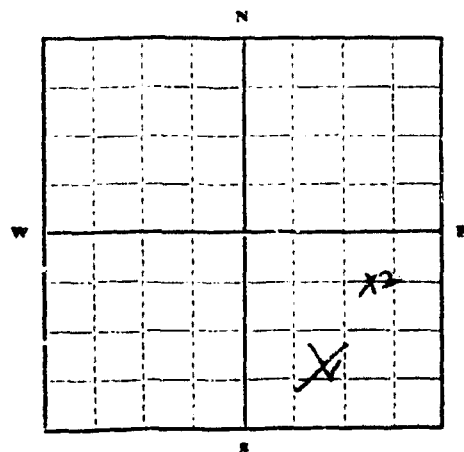
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

DEC 30 1963

STATE ENGINEER

1. **Robert C. Thompson, & Lehigh B.** of **Lehigh** **Pa.**  
(Name of Appropriator) (Address) (Town)  
County of **Lehigh** State of **Mont.**  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. **23N 22 R 19E**

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 and stock water**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **1951 and 1959**  
**Steady since**
4. The amount of groundwater claimed (in miner's inches or gallons per minute). **No. 2 well - 1 1/2 gals. per min.**  
**No. 1 well 3/4 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. **motor on each well. (Gas)**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. **No. 1 well - 1951** **No. 2 well - 1959**
8. The depth of water table. **No. 1 well - 8 ft.** **No. 2 well - 50 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. **No. 1 well is hand dug.**  
**No. 2 is a drilled well.**
10. The estimated amount of groundwater withdrawn each year. **unknown**
11. The log of formations encountered in the drilling of each well if available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner **Robert C. Thompson**Date **November 29, 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.

14366

17135 COPY

State of Missouri  
County of St. Louis

Filed DEC 27 1963 is  
at 1:45 o'clock P. M.

*May Proctor*  
County Clerk and Recorder

*W 200 per.*

File No. **17304**

DUPLICATE

T. **22** R. **19**County **Leigues**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

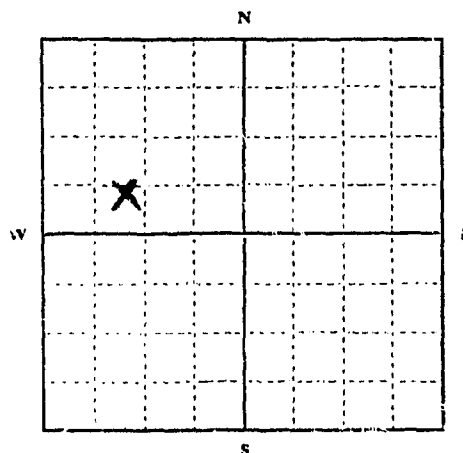
RECEIVED  
JAN 2 1964

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **Herbert W. Schifley**, of **Winifred**  
(Name of Appropriator) (Address) (Town)  
County of **Leigues** State of **Mont.**  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



**SW 1/4 NW 1/4 Sec. 29 T. 22 R. 19**

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 and house use**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **July 1956 continuous**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **3 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 **Electric pump**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **July 1, 1956**
8. The depth of water table **120 feet**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **4 in. casing**
10. The estimated amount of groundwater withdrawn each year **300,000 gal**
11. The log of formations encountered in the drilling of each well if available **none available**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record **none**

Signature of Owner

**Herbert W. Schifley**  
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.

17232

17304

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

COPY

Filed DEC 30 1900 19

at 2:10 o'clock P. M.

*May Rathbun*  
County Clerk and Recorder

\$2.00 ph.

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Burton Olson

Address Winifred  
Montana

Date well started Apr 26-72

completed May 10-72

Type of well Drilled

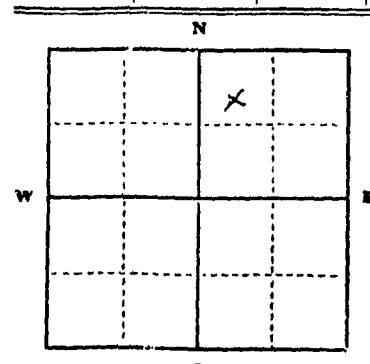
Equipment used Rotary

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6 in	4 1/2" x 9.5	0	1624	Kind Size From (Feet) To (Feet)
				1/2" x 6" 1474 1624



N.W. 1/4 N.E. 1/4 Sec. 32  
T. 22 N. R. 19 E. W.

Static water level Flowing ft.\*  
Pumping water level ..... ft.\*  
at Apr 26-72 gallons per minute,  
measured ..... minutes after pumping began.  
\*Measured from ground level.  
Well developed by .....  
for ..... hours.  
Power..... Pump..... HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) .....

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

Driller's Signature E. N. Nissem

Driller's Address E. N. Nissem

LICENSE NO. 144

County Fergus  
DRILLER'S LOG 32

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	326	Dark shale
326	982	sand cone & shale
982	1402	Dark shale - Rust
1402	1560	sandstone gray
1560	1612	fine white sand
1612	1624	fine shale

1624 Show exact depth of bottom  
50,383

46556

COPY

State of Montana, <sup>1</sup> ss.  
County of Fergus, <sup>1</sup>  
Filed MAY 15 1972  
at 9:42 o'clock A. M.  
Wm. R. Patton  
County Clerk and Recorder

\*200 per



## GROUNDWATER INDEX

Page 1 of 1

County Fergus Twp. 22N Rge. 20 E

[illegible]

File No. 17613

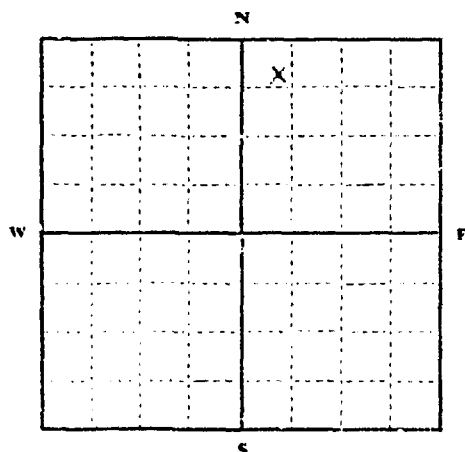
DUPLICATE

T. 22 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. *Mary E. Pearson*, of *Winnetka*, (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:



NW 1/4 NE Sec. 19 T. 22 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 *orchard*  
*under the irrigation*
3. Date or approximate date of earliest beneficial use, and how continuous the use has been *Jan. 15, 1915*
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
*one acre garden*
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

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

Signature of Owner

*Mary E. Pearson*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.

19074

17613

COPY

State of Montana, }  
County of Fergus. }

DEC 31 1963

Filed..... 19

at 12:25 o'clock P.M.

#3 Ed.

MAY RATHBUN

County Clerk and Recorder

File No. 44955**RECEIVED**T. 22 R. 20 21

DUPLICATE

DEC 22 1971

County Fergus

LOG

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground

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

1 130 ft  
 1 10 ft  
 10 35 ft  
 35 60 ft  
 110 110 Sandy shale, white  
 115 115 Hard rock, white  
 115 120 Sandstone, brown  
 120 150 Grey shale  
 150 170 Sandstone, water  
 170 162 Shale

Doc. No. 44955  
 Filed for record  
 this 21 day of December  
 A. D. 1971 at 2:35  
 o'clock PM

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

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

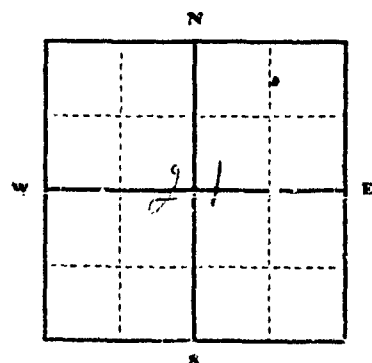
Owner Alma Address Helena, MontanaDriller George C. Single Address Helena, MontanaDate of Notice of appropriation of groundwater Nov. 25, 1971Date well started Nov. 25, 1971 Date completed Nov. 27, 1971

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5-5/8	4 1/2 x 4 1/2	0	180	5/16" holes	100	180
		180	180			



Static Water Level for non-flowing well  
 ..... 42 feet.

Shut-in Pressure for Flowing Well None

Pumping Water Level 120 feet  
 at 7 gal. per minute.

Discharge in gal. per min. of flowing well  
None

How Tested Drilling and measured  
 Length of Test 30 min.

Remarks: (Gravel packing, cementing, pack-  
 ing, type of shutoff)

NE 1/4 Sec. 21 T. 22 R. 20  
 Indicate location of well and  
 place of use, if possible. Each  
 small square represents 40  
 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 19

Driller's Signature George C. Single  
419616

44958

COPY

State of Montana,  
County of Park } ss.  
Filed DEC 21 1971 19  
at 2:35 o'clock P. M.  
*Wm. Rothman*  
County Clerk and Recorder

RECEIVED

File No. 29708T. 22 R. 20

DUPLICATE

County Feather

## 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)

Top of Ground

(Elev. above sea level)

0	16	Yellow clay drift
16	45	Varieted shale brown, yellow, grey
45	82	Grey sandstone Water
82	90	Varieted shale
90	93	Sandstone
93	97	Grey shale
97	98	Sandstone
98	102	Brown shale
102	117	Hard sandy shale
117	129	Hard sandstone Water
129	131	Extremely hard Silicate rock
131	132	Soft sandstone
132	140	Light grey Hard shale
140	142	Brown shale
142	150	Hard shale, Grey, Brown variated

Owner Other Lingus Address Winifred, MontanaDriller George C. Singley Address Lewistown, MontanaDate of Notice of appropriation of groundwater NoneDate well started June 5, 1967 Date completed June 5, 1967Type 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			
5-1/8		21	150			
	6-5/8 OD above ground					
	6 1/2 ID	1'	21	3/4" holes	50	140
	4 1/2 OD 4 ID below ground					
		10'	150			

N

Static Water Level for non-flowing well 50 feet.

Shut-in Pressure for Flowing Well 0

Pumping Water Level 110 feet

at 6 gal. per minute.

Discharge in gal. per min. of flowing well 0

How Tested Bailing

Length of Test 1 hr.

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

SW 1/4 Sec 12 T. 22 N. R. 20 E.

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

(Continue on reverse side)

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

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

Driller's Signature

42, 071

29768

CONF.

State of Montana,  
County of Fergus.

Filed JUN 16 1957  
at 3 40 o'clock P.M.

May Rathbun  
County Clerk and Recorder

\*20/21

File No. 13941

DUPLICATE

T. R. County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

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

STATE ENGINEER

1. Other Linous

(Name of Appropriator)

(Address)

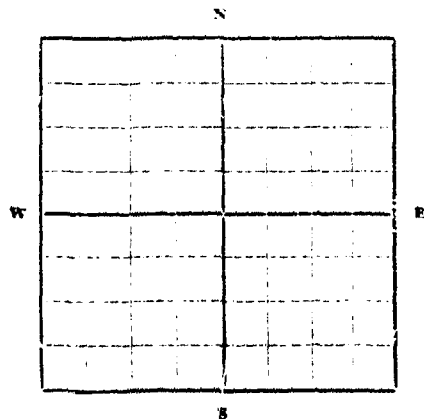
City/Town

(Town)

County of Ferrus

State of Montana

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



1/4 Sec. 22 T. 22 N. R. 20 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

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

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

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

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

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

8. The depth of water table

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

Type: Drilled, Cable tool Size: 0 foot to 113 ft.-5 3/16 in. S&S  
113 foot to 135 ft.-4 1/4 in. S&S

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available 0' to 12'-Surface Clay  
12' to 13'-Brown Sandstone-18' to 34'-Brown Sandy Clay-34' to 60'-Brown Sandstone-  
60' to 68'-Grey Sand-68' to 72'-Grey Sandy Shale-72' to 83'-Grey Blue Shale-83' to  
87'-Brown Shale-water Seep-87' to 105'-Grey Blue Shale-105' to 108'-Blue Sandy  
Shale-108' to 132'-Blue Sand wtr cmr in str 117-121'-132' to 135'-Grey Sandy Shale

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

Signature of Owner

Date

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 School of Mines and Quadruplicate for the Appropriator.



13941

COPY

State of Montana, } ss.  
County of Fergus.

Filed APR 9 1963 19  
at 1:00 o'clock P. M.

Way Kethum  
County Clerk and Recorder

\$ 2.00 per

File No. **29789**

STATE WATER CONSERVATION BOARD

T. **22-N** R. **20-E**

DUPLICATE

JUN 19 1957

County **5**

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)

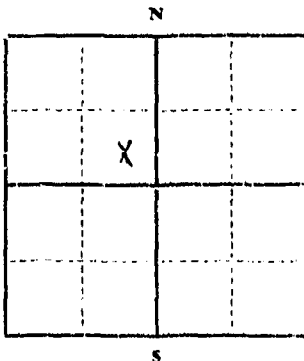
0-12 Silty clay  
12-15 Fine damp sand  
15-20 Greyish-yellow clay  
24-26 Med. hard yellow rock  
26-30 Hard blue shale  
30-34 Fine silty damp clay  
34-43 Blue shale  
43-54 Damp yellow fine sand  
54-58 Fine damp fine sand  
58-59 Med. hard grey sand stone  
59-64 Sticky blue shale  
64-107 Hard blue shale  
Top of water @ 87'

Owner **John J. Jorgensen** Address **1111 1st St. N. Helena, Mont.**  
Driller **John J. Jorgensen** Address **1111 1st St. N. Helena, Mont.**  
Date of Notice of appropriation of groundwater  
Date well started **10-5-66** Date completed **12-15-66**  
Type of well **Drilled** Equipment used **Rotary**  
(Dug, Driven, bored or drilled) (Crown 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.

112-116 Med. hard grey s. stone  
116-121 Sandsh. pebbles @ 117  
121-134 X-line to fine blue sandstone  
134-143 light blue sh.  
143-153 Soft to firm fine grey sand  
153-177 Grey sandy sh. w/ sand stringers  
177-183 Dark blue sh. @ 177  
183-185 med. hard grey s. stone  
185-189 Brown sh. tr. local 6 ft  
189-194 Fine to med. hard grey s. stone  
194-200 Grey s. stone  
200-210 Brown sh.  
210-214 Soft grey s. stone  
214-226 Blue shale  
226-230 Grey sandy sh. w/ sand stringers  
230-264 Grey sandy sh. w/ sand stringers  
264-267 Grey sh.  
267-310 Med. hard grey s. stone  
310-320 Grey sandy sh. w/ sand stringers  
320-328 Grey sandy sh. w/ sand stringers  
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988-990 Grey sandy sh. w/ sand stringers  
990-992 Grey sandy sh. w/ sand stringers  
992-994 Grey sandy sh. w/ sand stringers  
994-996 Grey sandy sh. w/ sand stringers  
996-998 Grey sandy sh. w/ sand stringers  
998-1000 Grey sandy sh. w/ sand stringers

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/4		0	264			
4 3/4	4 1/2 X 6 1/2	0	304	2 1/2	264	304



Static Water Level for non-flowing well  
.....**210**.....feet.

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

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

Discharge in gal. per min. of flowing well

How Tested.....**Gravel pack test**.....

Length of Test.....**6 hours**.....

Remarks: (Gravel packing, cementing, packers, type of shutoff).....**Gravel pack test**.....

.....**264**.....

(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).

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

Driller's Signature

43,070

29769

COPY

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

Filed JUN 16 1967  
at 4:40 o'clock P.M.

*May D. Lathen*  
County Clerk and Recorder

\$2.00 pd

## GROUNDWATER INDEX

Page 1 of 1

County Fergus Twp. 22 N Rge. 21 E

[illegible]

File No. ....

T 22N R 21E 5

DUPLICATE

County Fergus

## LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1962

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

Top of Ground

(Elev. above sea level .....

0 - 17 -- Brown sandy clay

17 - 68 -- Gray silted sand

68 - 92 -- Hard gray sandstone.  
Contains water.92 - 105 - Brown silted  
sand.

105 -- Bottom

Owner Glen Peterson Address Winifred, MontanaDriller Larry Jennings Address Lewistown, Montana 59457

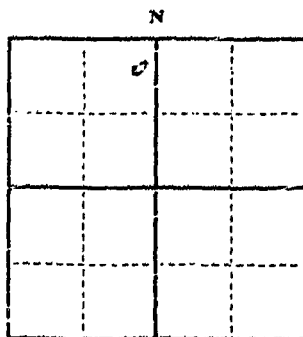
Date of Notice of appropriation of groundwater .....

Date well started 6-15-72 Date completed 6-15-72Type 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)
6"	4 1/2" OD 10#	+ 1	105	Torch Cut Slots	60	105

Doc. No. 47188  
 Filed for record  
 this 12th day of July  
 A. D. 19 72 at 11:25 w  
 o'clock 2 M.

Static Water Level for non-flowing well  
..... 30 feet.

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

Pumping Water Level..... 70 feet  
at approx. 8 gal. per minute.

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

How Tested Pump testedLength of Test 1 hourRemarks: (Gravel packing, cementing, pack-  
ers, type of shutoff) .....

NE 1/4 Sec. 5 T. 22 N. R. 21 E.  
 Indicate location of well and  
 place of use, if possible. Each  
 small square represents 40  
 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the  
County Clerk and Recorder in the county in which the well is located, tissue copy to be  
retained by driller.Please answer all questions. If not applicable, so state. otherwise the form will be  
returned.

226  
 Driller's License Number

Larry Jennings  
 Driller's Signature.

50,906

COPY

47188

State of Montana, } ss.  
County of Fergus, }  
Filed JUL 12 1972  
at 11:25 o'clock A. M.  
Wm. R. Thompson  
County Clerk and Recorder

\$200.00

File No.

17727

Approved Stock Form—State Publishing Co., Helena, Montana—41337

T. R.

DUPLICATE

County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1967  
STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1889

Owner RASMUS BOE Address McLEOD, MONT

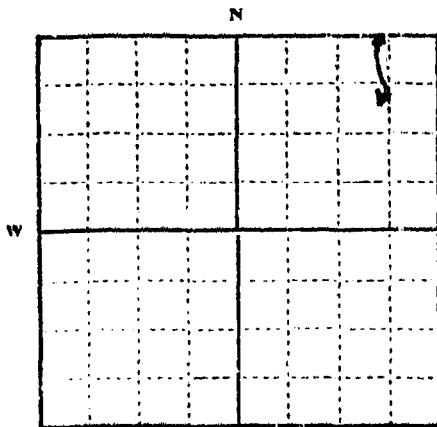
Contractor (if any) NONE

Address of Contractor NONE

Date Started UNKNOWN Date Completed UNKNOWN

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

GRAVITY FLOW ORIGINATING  
FROM UNDERGROUND SOURCES



1/4 Sec. 31 22W 21E

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

NW 1/4 NE 1/4 NE 1/4 Sec 31  
NW 1/4 NE 1/4 NE 1/4 Sec 31

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.

Flows 25 gals per minute  
ESTIMATED DITCH FLOW  
Used year around for  
STOCK WATER

Signature of Owner Rasmus Boe

Date 12/31/67

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.

19170

17727

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

COPY

Filed DEC 3 1953

at 2:55 o'clock P.M.

Is Col.

MAY RATHBUN  
County Clerk and Recorder



## GROUNDWATER INDEX

Page 1 of 1

County Logan Twp. 33 W Rge. 23 E

[illegible]

~~SECRET~~

County Texas

RECEIVED  
WATER CODE  
NEW  
JUN 11 1963

(Under Chapter 237, Montana Session Laws, 1961)

Drilled *Chironomus* water 1994. 1995. 1996. 1997. 1998. 1999. 2000. 2001. 2002. 2003. 2004. 2005. 2006. 2007. 2008. 2009. 2010. 2011. 2012. 2013. 2014. 2015. 2016. 2017. 2018. 2019. 2020. 2021. 2022. 2023. 2024. 2025. 2026. 2027. 2028. 2029. 2030. 2031. 2032. 2033. 2034. 2035. 2036. 2037. 2038. 2039. 2040. 2041. 2042. 2043. 2044. 2045. 2046. 2047. 2048. 2049. 2050. 2051. 2052. 2053. 2054. 2055. 2056. 2057. 2058. 2059. 2060. 2061. 2062. 2063. 2064. 2065. 2066. 2067. 2068. 2069. 2070. 2071. 2072. 2073. 2074. 2075. 2076. 2077. 2078. 2079. 2080. 2081. 2082. 2083. 2084. 2085. 2086. 2087. 2088. 2089. 2090. 2091. 2092. 2093. 2094. 2095. 2096. 2097. 2098. 2099. 2100. 2101. 2102. 2103. 2104. 2105. 2106. 2107. 2108. 2109. 2110. 2111. 2112. 2113. 2114. 2115. 2116. 2117. 2118. 2119. 2120. 2121. 2122. 2123. 2124. 2125. 2126. 2127. 2128. 2129. 2130. 2131. 2132. 2133. 2134. 2135. 2136. 2137. 2138. 2139. 2140. 2141. 2142. 2143. 2144. 2145. 2146. 2147. 2148. 2149. 2150. 2151. 2152. 2153. 2154. 2155. 2156. 2157. 2158. 2159. 2160. 2161. 2162. 2163. 2164. 2165. 2166. 2167. 2168. 2169. 2170. 2171. 2172. 2173. 2174. 2175. 2176. 2177. 2178. 2179. 2180. 2181. 2182. 2183. 2184. 2185. 2186. 2187. 2188. 2189. 2190. 2191. 2192. 2193. 2194. 2195. 2196. 2197. 2198. 2199. 2200. 2201. 2202. 2203. 2204. 2205. 2206. 2207. 2208. 2209. 2210. 2211. 2212. 2213. 2214. 2215. 2216. 2217. 2218. 2219. 2220. 2221. 2222. 2223. 2224. 2225. 2226. 2227. 2228. 2229. 2230. 2231. 2232. 2233. 2234. 2235. 2236. 2237. 2238. 2239. 2240. 2241. 2242. 2243. 2244. 2245. 2246. 2247. 2248. 2249. 2250. 2251. 2252. 2253. 2254. 2255. 2256. 2257. 2258. 2259. 2260. 2261. 2262. 2263. 2264. 2265. 2266. 2267. 2268. 2269. 2270. 2271. 2272. 2273. 2274. 2275. 2276. 2277. 2278. 2279. 2280. 2281. 2282. 2283. 2284. 2285. 2286. 2287. 2288. 2289. 2290. 2291. 2292. 2293. 2294. 2295. 2296. 2297. 2298. 2299. 2300. 2301. 2302. 2303. 2304. 2305. 2306. 2307. 2308. 2309. 2310. 2311. 2312. 2313. 2314. 2315. 2316. 2317. 2318. 2319. 2320. 2321. 2322. 2323. 2324. 2325. 2326. 2327. 2328. 2329. 2330. 2331. 2332. 2333. 2334. 2335. 2336. 2337. 2338. 2339. 2340. 2341. 2342. 2343. 2344. 2345. 2346. 2347. 2348. 2349. 2350. 2351. 2352. 2353. 2354. 2355. 2356. 2357. 2358. 2359. 2360. 2361. 2362. 2363. 2364. 2365. 2366. 2367. 2368. 2369. 2370. 2371. 2372. 2373. 2374. 2375. 2376. 2377. 2378. 2379. 2380. 2381. 2382. 2383. 2384. 2385. 2386. 2387. 2388. 2389. 2390. 2391. 2392. 2393. 2394. 2395. 2396. 2397. 2398. 2399. 2400. 2401. 2402. 2403. 2404. 2405. 2406. 2407. 2408. 2409. 2410. 2411. 2412. 2413. 2414. 2415. 2416. 2417. 2418. 2419. 2420. 2421. 2422. 2423. 2424. 2425. 2426. 2427. 2428. 2429. 2430. 2431. 2432. 2433. 2434. 2435. 2436. 2437. 2438. 2439. 2440. 2441. 2442. 2443. 2444. 2445. 2446. 2447. 2448. 2449. 2450. 2451. 2452. 2453. 2454. 2455. 2456. 2457. 2458. 2459. 2460. 2461. 2462. 2463. 2464. 2465. 2466. 2467. 2468. 2469. 2470. 2471. 2472. 2473. 2474. 2475. 2476. 2477. 2478. 2479. 2480. 2481. 2482. 2483. 2484. 2485. 2486. 2487. 2488. 2489. 2490. 2491. 2492. 2493. 2494. 2495. 2496. 2497. 2498. 2499. 2500. 2501. 2502. 2503. 2504. 2505. 2506. 2507. 2508. 2509. 2510. 2511. 2512. 2513. 2514. 2515. 2516. 2517. 2518. 2519. 2520. 2521. 2522. 2523. 2524. 2525. 2526. 2527. 2528. 2529. 2530. 2531. 2532. 2533. 2534. 2535. 2536. 2537. 2538. 2539. 2540. 2541. 2542. 2543. 2544. 2545. 2546. 2547. 2548. 2549. 2550. 2551. 2552. 2553. 2554. 2555. 2556. 2557. 2558. 2559. 2560. 2561. 2562. 2563. 2564. 2565. 2566. 2567. 2568. 2569. 2570. 2571. 2572. 2573. 2574. 2575. 2576. 2577. 2578. 2579. 2580. 2581. 2582. 2583. 2584. 2585. 2586. 2587. 2588. 2589. 2590. 2591. 2592. 2593. 2594. 2595. 2596. 2597. 2598. 2599. 2600. 2601. 2602. 2603. 2604. 2605. 2606. 2607. 2608. 2609. 2610. 2611. 2612. 2613. 2614. 2615. 2616. 2617. 2618. 2619. 2620. 2621. 2622. 2623. 2624. 2625. 2626. 2627. 2628. 2629. 2630. 2631. 2632. 2633. 2634. 2635. 2636. 2637. 2638. 2639. 2640. 2641. 2642. 2643. 2644. 2645. 2646. 2647. 2648. 2649. 2650. 2651. 2652. 2653. 2654. 2655. 2656. 2657. 2658. 2659. 2660. 2661. 2662. 2663. 2664. 2665. 2666. 2667. 2668. 2669. 2670. 2671. 2672. 2673.

Date of Notice of Appropriation of Groundwater: .....

Date well started 8-21-63 Date Completed 9-5-63

Type of well..... Chilled Equipment Used Rotary  
(Gas driven, bored or  
drilled) (Churn, drill, rotary or  
other)

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

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

No.	Description	Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
						Kind Size	From (Feet)	To (Feet)
23	229 Brown blue sh							
25	264 med. soft s. stone							
26	266 sh. w/ s. med soft	4 3/4"	3X-7-58	-2	205			
26	272 sandstone					48x18	200	202
27	275 sand sh.					rough	464	476
28	280 extra hard sand sh rock					slate	435	442
29	290 sh.							
30	299 fine sand sh							

Static Water Level for non-flowing Well.....103.....feet

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

Pumping Water Level 125 feet at 16 gal. per minute

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

How Tested Graded Length of Test 8 hr.

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

acres irrigated, if used for irrigation).....

6 Kitten-Pucken set 421 & 6

21. Black and white (1940)

W/ Link to 4 to 6 months.

Driller's License Number

*[Signature]*  
Driller's Signature

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

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

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

6. 210

15755

COPY

State of Montana. } ss.  
County of Fergus.

Filed OCT 10 1903 19  
at 11:00 o'clock A.M.

*Wm. Rothman*  
County Clerk and Recorder

*\$2.00*

File No.

15780

T.

22 N R 22 E

DUPLICATE

County

Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

OCT 11 1963

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: B. L. M.

Address: LEWISTOWN

Driller: H. KISON WATER-Well Drilling

Address: Blende

Date of Notice of Appropriation of Groundwater

Date well started

7-3-63

Date Completed

7-11-63

Type of well  
(dag, driven, bored or drilled)

Orilled

Equipment Used

(Churn, drill, rotary or other)

Rotary

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

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

Top of Ground (Elev. above sea level.....)	
8-9	Bottom Clay
9-14	Thin sand & gravel
14-45	Soft sandstone & shale
43-45	Hard rock
45-51	Sh. w/ hard sand strings
51-53	Sandy sh. w/ med. hard str.
53-108	Shale w/ hard sand strings
108-144	Shale
144-149	Sandy sh.
149-150	Hard rock
150-155	Shale
155-173	Sandy sh.
173-174	Hard sandstone
174-203	Sh. w/ scattered hard str.
203-215	fine sand
215-224	Sh.
224-232	Sandy sh.
232-242	Sh.
242-244	med. hard rock
244-262	Sh. w/ hard strings
262-280	Sandy sh.
280-285	Thin sand rock
285-298	fine sand
298-302	Shale - type (w/ 300)
302-334	Sandy sh. w/ fine sand str.
334-336	med. hard sand rock
336-339	fine sand
339-374	Sandy clay w/ med. hard str.
374-379	Med. hard sand rock
379-382	Shale
382-384	Hard rock
384-392	Shale - blue

Size of Drilled Hole

4 3/4

Size and Weight of Casing

3" X 7.58

From (Feet)

2' above ground

To (Feet)

392

PERFORATIONS

Kind of

tough slots

From (Feet)

368

To (Feet)

343

392

Static Water Level for non-flowing Well.....feet.

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

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

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

How Tested.....Bailed.....Length of Test.....8

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

acres irrigated, if used for irrigation).....Packer

@ 70' + 40' Around Casings  
filled w/ Bentonite + Cement  
from 40' up

Driller's License Number

61  
Clara Addison  
Driller's Signature

SE 1/4 Sec 25 T22 N R22 E

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

Show exact depth of bottom.

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

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

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