

File No. **16869**

T 21 N R 24 E

DUPLICATE

County **Fergus**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

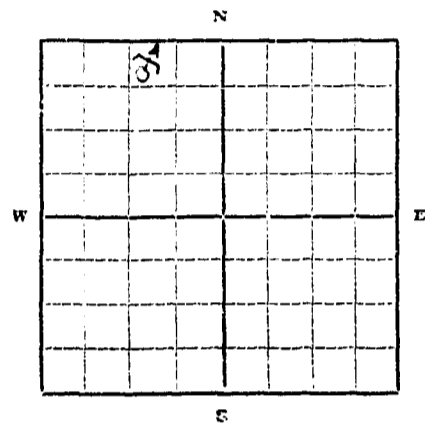
**RECEIVED**  
DEC 23 1963

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **Bureau of Land Management**, of **Drawer 699** **Levistown,**  
(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, NW 1/4, Sec. 13 T. 21N R. 24E**

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 **1959 to present**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **1 cu. ft. per sec. of time (1 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 **Artesian flow well**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **started 4/3/59 Completed 5/9/59**
8. The depth of water table **576' - 591'**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **6" casing to 302', 4" casing from 289' to 601' - 2" valve installed on 6" casing by welding cap to casing**
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 The estimated amount of groundwater withdrawn each year **500,000 gallons**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 **Well started in Bearpaw shale - Water from bottom of Judith River Sandstone surface elevation approx. 2500'**
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 *Shirley M. Cotton*  
**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.

11351

16869

COPY

State of Montana,  
County of Fergus, } ss.

Filed DEC 18 1963

at 2:00 o'clock P.M.

Way (Kathleen)  
County Clerk and Recorder

# 210 pt.



GW  
File No. 17528

T. 20 N. R. 13 E. 26

DUPLICATE

County FERGUS

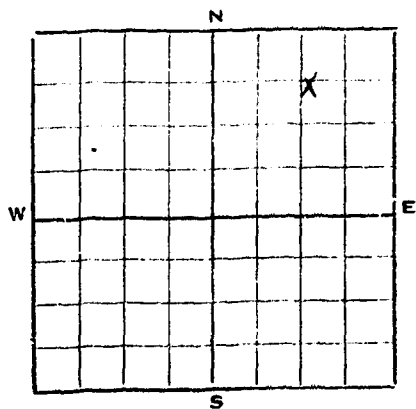
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

R

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

1. ROYCE APPELGATE, of SQUARE BUTTE  
(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 NE Sec. 26 T20 R13

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 HOUSEHOLD USE

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1929 CONTINUOUS USE SINCE THAT DATE

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 GALLONS PER MINUTE

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1929

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 1100 FT.

10. The estimated amount of groundwater withdrawn each year 200,000 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 Royce Applegate  
Date 12-26-63

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 School of Mines and Quadruplicate for the Appropriator.

17528

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

**COPY**

Filed DEC 31 1963 19

at 10:00 o'clock A. M.

*MAY* **MAY RATHBUN**  
County Clerk and Recorder

*[Faint, illegible text, likely bleed-through from the reverse side of the page]*

GW 2

File No. 13872

T. 20 N. R. 13 E.

DUPLICATE

County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 23 1963

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Department of Interior Address \_\_\_\_\_

Driller R. B. Beckman Address P.O. Box 640  
Great Falls, Montana

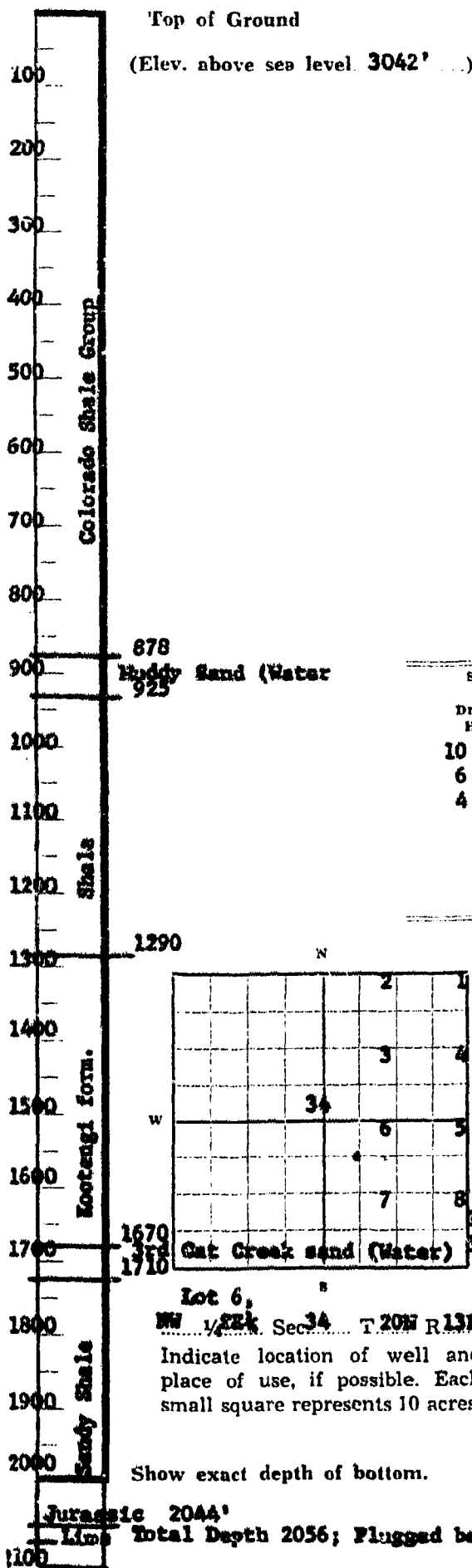
Date of Notice of Appropriation of Groundwater \_\_\_\_\_

Date well started Sept. 1, 1963 Date Completed Oct. 12, 1963

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)
10 3/4"	8 5/8" 28#	surface	211	NOT APPLICABLE		
6 3/4"	5 1/2" 14#	surface	1588			
4 3/4"	Open hole	1599	2056			

Static Water Level for non-flowing Well NA feet.

Shut-in Pressure for Flowing Well 50 psi (Muddy)

Pumping Water Level Unknown (3rd Cat Creek)

Discharge in gal. per min. of flowing well 16 (Muddy)

How Tested 5 gallon bucket Length of Test few minutes

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)

Well is capped at top of 8 5/8" casing. Valve in cap restricts flow from Muddy Sandstone layer to 2 gal/minute.

NA (Drilled as oil or gas test)  
Driller's License Number

NA  
Driller's Signature

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

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

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

11354

16872

COPY

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

Filed DEC 18 1963

at 2:00 o'clock P.M.

Wray Rattner  
County Clerk and Recorder

200-ph

File No. 13197

T. 20N R. 13E

DUPLICATE

County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

- Top of Ground
- (Elev. above sea level.....)
- 7 Overburden
- 80 Blue shale
- 228 Blue shale sandy
- 355 Blue shale
- 375 Black shale sandy layers of bentonite
- 514 Hard blk sandstone and layers of bentonite
- 538 Layers sandstone & shale
- 630 Blk shale layers sandstone & bentonite
- 758 Alt. grey shale & sandstone
- 885 Grey shale and sandstone
- 905 Sandstone, water bearing
- 915 Blue shale

Owner Dean Strand Address Square Butte, Mont.

Driller O. C. Thatcher Address Stanford, Mont.

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

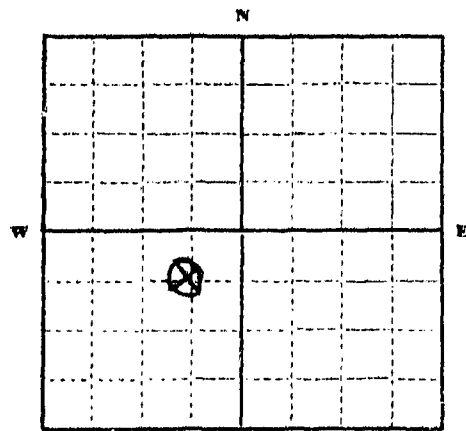
Date well started June 21, 1962 Date Completed July 12, 1962

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

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4 in.	2 in. std. galv.	0	915	slots 1/2"x4"	880	915



NE 1/4 Sec. 34 T. 20N R. 13E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

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

Shut-in Pressure for Flowing Well 40 lbs. PSI

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

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

How Tested measure and stop watch Length of Test intermittent for 24 hrs.

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).....

Cement packer at 40 ft. cemented back with two sacks cement.

36  
Driller's License Number

O. C. Thatcher  
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.

3536



15197

COPY

State of Montana, }  
County of Fergus } ss.  
Filed FEB 5 1963 19  
at 10:40 o'clock A.M.  
Way Rathburn  
County Clerk and Recorder

9200 pt

3

Gw  
File No. 17527

T. 20 N. R. 13 E. 35  
County FERGUS

DUPLICATE

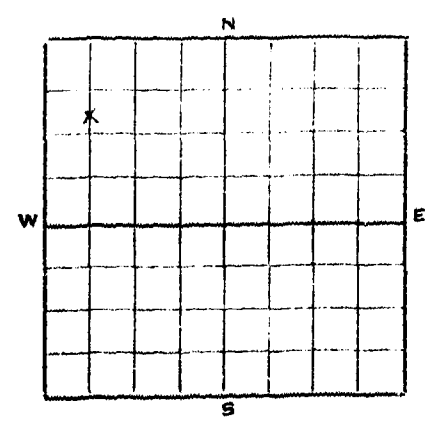
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

R  
JUN 3 1964

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

1. ROYCE APPLIGATE, of SQUARE BUTTE  
(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.W. 1/4 N.W. Sec. 35 T.20 R.13  
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 1929 CONTINUOUS USE SINCE THAT DATE
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 GALLONS PER MINUTE
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 3 ACRES
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ARTESIAN
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1929
- 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 100 FEET
- 10. The estimated amount of groundwater withdrawn each year 400,000
- 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 Royce Appligate  
Date 12-26-63

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 School of Mines and Quadruplicate for the Appropriator.

17527

**COPY**

State of Montana, }  
County of Fergus. }

Filed DEC 3 1908 19

at 10:00 o'clock A. M.

*Ms. Jd.* **MAY RATHBUN**  
County Clerk and Recorder

*[Faint, illegible text, possibly a title or header]*

*[Faint, illegible text, possibly a date or reference]*

*[Faint, illegible text, possibly a name]*

*[Faint, illegible text, possibly a description]*

*[Faint, illegible text, possibly a signature or official name]*

*[Faint, illegible text, possibly a location or office]*



File No. 16820

T. 20 R. 14

DUPLICATE

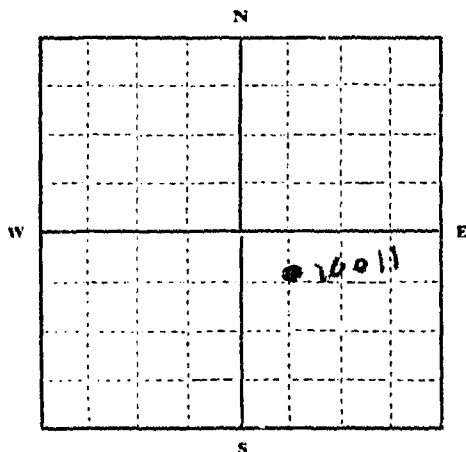
County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 18 1963

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

1. Robert & Gerald Barber, of DENTON, (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 of NE Sec. 34 T20 R14

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

- 2. The beneficial use on which the claim is based household and STOCK USE
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1912
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 Gallons per Minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill & hand pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater UNKNOWN
- 8. The depth of water table 21 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 dual well 6' x 21' electric pump to be installed
- 10. The estimated amount of groundwater withdrawn each year UNKNOWN
- 11. The log of formations encountered in the drilling of each well if available UNKNOWN
- 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. Nov 2

Signature of Owner Robert T. Barber  
Date 12-5-63

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.

16820

COPY

State of Montana, } ss.  
County of Fergus. }  
Filed DEC 17 1963 19  
at 10:10 o'clock A.M.  
Way Rathbun  
County Clerk and Recorder  
#200 ph.

File No. 16821

T 20 R 14

DUPLICATE

County *Fergus*

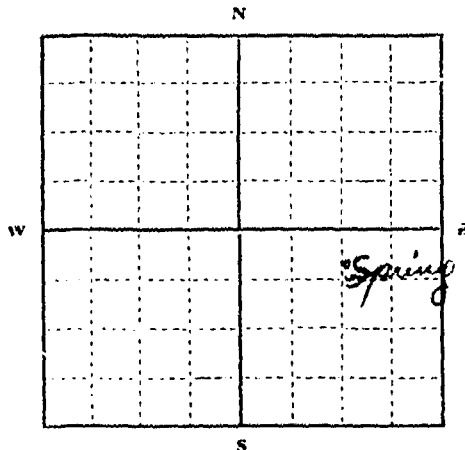
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 18 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *Robert & Gerald Barber* of *Denton*  
(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 Sec 34 T20 R14*

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. *December 1960 continuous since*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). *one gallon per minute*
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- 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. *November 1st 1960 Completed Dec 1st 1960*
- 8. The depth of water table. *five feet*
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. *spring development, collected ditches, and piped to a 5000 gallon tank*
- 10. The estimated amount of groundwater withdrawn each year. *28,000*
- 11. The log of formations encountered in the drilling of each well if available. *None*
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. *recorded with Fergus County D.S.C. office in Bellevue, Montana*

Signature of Owner *Robert T. Barber*  
Date *12-5-63*

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.

16821

COPY

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

Filed DEC 17 1963 19\_\_\_\_  
at 10:10 o'clock A.M.  
*May Palkun*  
County Clerk and Recorder

\*200 *pl*





18041

File No.....

T. 20 R. 15

DUPLICATE

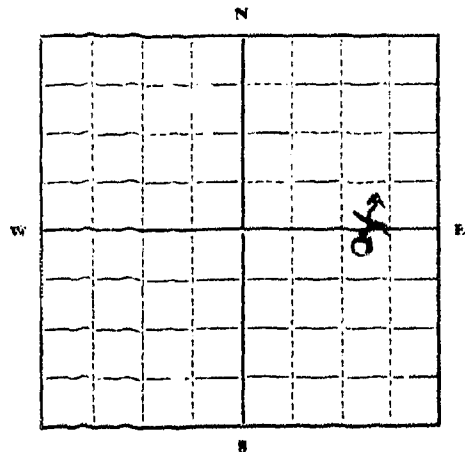
County... Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. John C. Linse of Denton,  
(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 Sec. 1 T.20 R.15

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...  
Water for livestock, and other farmstead use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...  
January 1, 1910 and before.  
Continuous use since to the undersigned date.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...  
Gravity flow into tank and electric pump from reservoir to other tanks.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...  
Prior to January 1, 1910, with the installment of various types of pumps from about 1920.

8. The depth of water table...  
Eight feet from pump level.

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...  
Eight from pump level. Water flows into a reservoir from a spring.

10. The estimated amount of groundwater withdrawn each year...  
525,600 gallons.

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

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

Signature of Owner... John C. Linse  
Date... Jan 6th 1964

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

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

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

18041

COPY

State of Montana, } ss.  
County of Fergus.

Filed JAN 21 1964 19  
at 10:00 o'clock A.M.  
*Wray Plathman*  
County Clerk and Recorder

\*200 pt

GA 17753

Approved Stock Form—State Publishing Co., Helena, Montana—4133

3

File No. ....

T. 20N R. 15E

DUPLICATE

County FERGUS

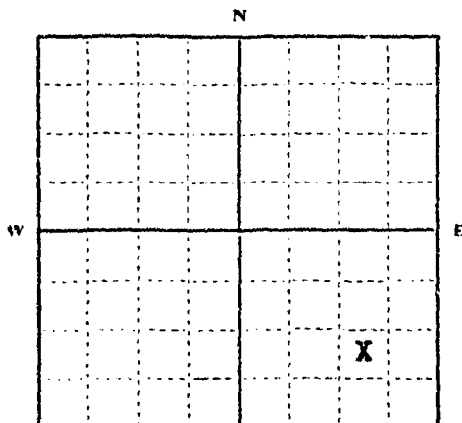
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 257, Montana Session Laws, 1961)

I, FLOYD H. ELLIS & HENRIETTA ELLIS of DENTON  
(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:



**Southeast Quarter of the  
Southeast Quarter**  
Sec. 3 T. 20 R. 15

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.....  
About 1948 and continuously since;
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
About 2 1/2 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.....  
not applicable
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
Developed spring flows naturally

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
Same as 3
- 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.....  
The natural flow of spring increased by cleaning and digging 4' or 5' deep, boxed with wood which will be replaced with cement block; flows into stock tank through plastic hose about 70' Northeast, and then into dam about 400 yards Northwest;
- 10. The estimated amount of groundwater withdrawn each year.....  
About 1,300,000 gallons per year
- 11. The log of formations encountered in the drilling of each well if available.....  
not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....  
none

FLOYD H. ELLIS  
Signature of Owner.....HENRIETTA ELLIS  
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.

19196

17753

State of Montana, } ss.  
County of Fergus. } **COPY**  
Filed DEC 31 1963 19  
at 2:40 o'clock P.M.  
#2.00 p.d. **MAY RATHBUN**  
County Clerk and Recorder

File No. 17754

T. 20N R. 15E

DUPLICATE

County FERGUS

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

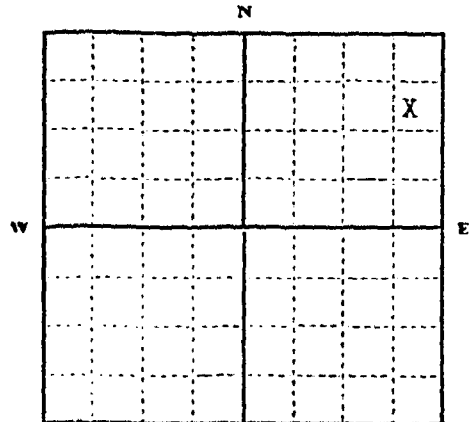
JAN 3 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. FLOYD H. ELLIS & HENRIETTA ELLIS, of DENTON  
(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:



Northeast Quarter of the  
Northeast Quarter  
1/4 Sec. 10 T20 R. 15

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, and to irrigate  
yard and garden
3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been. About 1953 and used continuously  
since
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute)  
about 5 gallons per minute
5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
yard and garden around buildings
6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal  
350 gallon per minute electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater  
About 1953
8. The depth of water table  
About 18'
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 about 23' deep, cased with 3 1/2' culvert; water pumped into  
house and from there diverted into stock tank
10. The estimated amount of groundwater withdrawn each year  
about 1,000,000 gallons per  
year
11. The log of formations encountered in the drilling of each well if available  
not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record  
none

FLOYD H. ELLIS

Signature of Owner. HENRIETTA ELLIS

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.

19197

17754

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

**COPY**

Filed **DEC 31 1963** 19

at 3:40 o'clock P.M.

#2 v.p.d. **MAY RATHBUN**  
County Clerk and Recorder

File No. 13685

T. 20 N. R. 15 E.

DUPLICATE

County Fergus

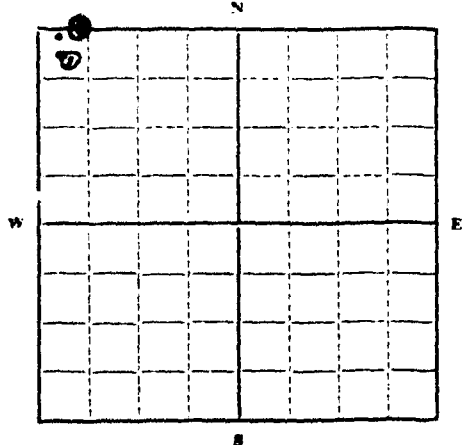
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NW 1/4 Sec. 11, T. 20, R. 15.

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

- The beneficial use on which the claim is based:  House  H. Id. Use  Stock Water & Irrigation
- Date or approximate date of earliest beneficial use; and how continuous the use has been:  1953 CONTINUOUS  1914 CONTINUOUS
- The amount of groundwater claimed (in miner's inches or gallons per minute):  30 G.P.M. PER MINUTE  50 G.P.M. PER MINUTE
- 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  Lawn & Small Garden Approximately 1/8 Acre Warren E. Allen
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:  Well Cylinder Pump, Electrically Pumped  Electric Pump
- The date of commencement and completion of the construction of the well, or other works for withdrawal of groundwater:  Started June & Completed July 1953  1914
- The depth of water table: ~~475 ft~~  475 ft  18 ft
- 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:  8 Inch casing 1st 50 ft 1.5 inch casing next 400 509 ft deep  Dug Well, 3ft Diameter 21 ft deep
- The estimated amount of groundwater withdrawn each year:  36,500  109,500
- The log of formations encountered in the drilling of each well if available:  0-3' Surface Soil 3-20' Yellow shale 20-25' Gravel & Water 25-55' Yellow clay 55-65' Claggett shale 65-405' Claggett 405 Top of Eagle sand 463 Porous Sand 463-475 Sand, Hard & Porous 475-500 Porous Sandy Water  None Available
- 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 Recorded  No Records Available

Warren T. Allen Executor  
Signature of Owner Warren E. Allen Estate

Date Feb 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.

2926



13685

COPY

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

Filed MAR 15 1962 19  
at 3:00 o'clock P.M.

*Way Plathew*  
Court Clerk and Recorder

*\$2.00 pd*

RECORDED & INDEXED

File No. 17755

T. 20N R. 15E

DUPLICATE

County FERGUS

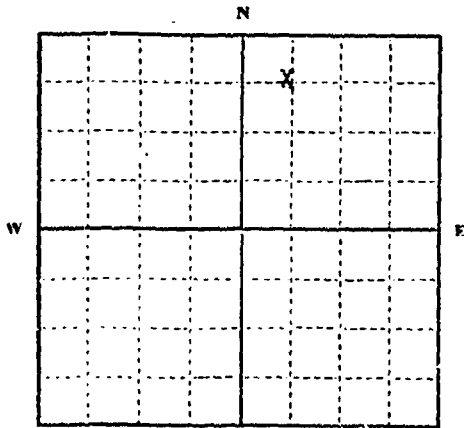
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. FLOYD H. ELLIS & HENRIETTA ELLIS, of DENTON  
(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:



Northwest <sup>s</sup> Quarter of the  
Northeast Quarter  
1/4 Sec. 11 T. 20N 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 stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1930 and used continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) about 2 1/2 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 not available
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Spring - flows naturally;
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. About 1930
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. Natural flow of spring increased by digging down about 15' and curbing with cement; water flows into stock tank about 140' Southeast and overflow runs into dam about 300 yards Southeast of Spring
10. The estimated amount of groundwater withdrawn each year. About 1,300,000 gallons per year
11. The log of formations encountered in the drilling of each well if available. not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

FLOYD H. ELLIS  
Signature of Owner HENRIETTA ELLIS  
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.

19198

17755

State of Montana, }  
County of Fergus. } ss. COPY  
Filed DEC 31 1963 79  
at 3:40 o'clock P.M.  
MAY RATHBUN  
County Clerk and Recorder

File No. 18040

T. 20 R. 15

DUPLICATE

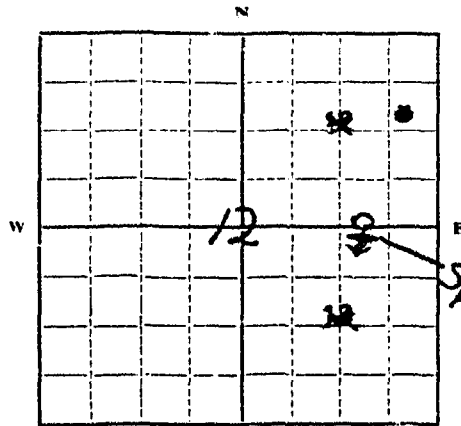
County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

John G. Linse of Denton,  
(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 NE 1/4 Sec. 22 T. 20 R. 15

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...  
Water for livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...  
October 1, 1961 with continuous use to the undersigned date.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...  
Gravity flow thru 8" perforated orangeburg thence into 3/4" plastic pipe to tank.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...  
October 1, 1961

8. The depth of water table...  
7ft.

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 above which of course opens into a draw or corlee where tank is located.

10. The estimated amount of groundwater withdrawn each year...  
262,800 gal.

11. The log of formations encountered in the drilling of each well if available...  
loam, coarse gravel & sandy loam, clay, small gravel with cement like appearance then water coming from gravel beneath.

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

Signature of Owner John G. Linse  
Date Jan. 28th 1964

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

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

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

18040

COPY

State of Montana, } ss.  
County of Fergus.

Filed JAN 21 1964 19

at 10:00 o'clock A. M.

*Wey R. ...*  
County Clerk and Recorder

*200/pt*

14

File No. 17269

T. 20N R. 15E

DUPLICATE

County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

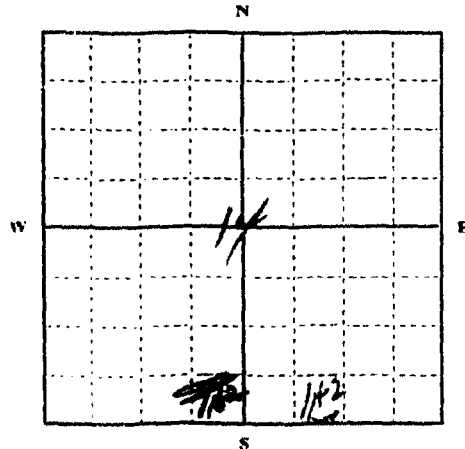
RECEIVED  
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John B. Carter of Denton  
(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 SE Sec 14 T20 R15

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

- The beneficial use on which the claim is based.  
1. Stockwater 2. Irrigation + House use
- Date or approximate date of earliest beneficial use; and how continuous the use has been. 1. 1915 2. 1956
- The amount of groundwater claimed (in miner's inches or gallons per minute).  
1. 1 mil. gpm 2. 2 mil. gpm
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.  
Water yard and Garden SW 1/4 S.E. 14 T20 R15
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
Electric pumps
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  
1. Rock Cist. - dug 1915 2. San Casing - Drilled 1966
- The depth of water table. 1. 15 ft 2 - 3 40 ft
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.  
1. well 4 ft. 15 ft deep 2. well San Casing 3. 40 ft deep
- The estimated amount of groundwater withdrawn each year. 1. well 1,000,000 2. well 5,000,000
- The log of formations encountered in the drilling of each well if available.  
15ft. Dnt + gravel 280 Chagel Shale 70ft Sandstone
- 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

John B. Carter  
Date Dec 30 19

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.

17269

COPY

State of Montana,  
County of Park, ss.

DEC 30 1963

Filed at 12:25 o'clock P. on \_\_\_\_\_

*Way R. R. R.*  
County Clerk and Recorder

8203 pt.

File No. 17832

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

T. 20N R. 15E

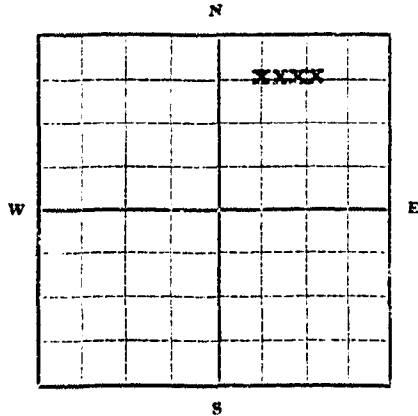
County: Fergus

25

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

JAN 3 1964

1. EVERS RANCH CO. (Name of Appropriator) c/o of STATE ENGINEER (Address)  
County of Yellowstone State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 NE 1/4 Sec 25 T. 20N 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 flowing spring-livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been used since 1890 - continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 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 not applicable

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

8. The depth of water table 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 26,280,000 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 by Evers Brothers-Evers Ranch Co. since 1890

Signature of Owner EVERS RANCH CO.  
[Signature] Vice President  
Date December 31, 1963

STATE OF MONTANA, County of Yellowstone, ss:  
C. D. Wolfe having first been duly sworn, depose and say that is of lawful age and 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 31 day of December, 1963  
[Signature] Notary Public for the State of Montana, residing at Billings, Montana My Commission expires April 21, 1964

[Signature]  
Vice President

19268



17832

COPY

State of Montana  
County of [illegible]

Filed JAN 2 1964 79  
at 10:30 o'clock A.M.

*Way Rathbun*  
County Clerk and Recorder

*\$2.00 pt.*



File No. **30740** MONTANA WATER CONSERVATION BOARD

T. **20** R. **16E** **15**

DUPLICATE

RECEIVED

County **Fairfax**

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground  
(Elev. above sea level.....)

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

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



Gravel and silt shell

Grayish sand

Clay

Grayish sand st.

Grayish sand s. (silty)  
T.D.

Owner **Kilandson's Inc.** Address **Butte, Montana**

Driller **Manson Drilling Co.** Address **Great Falls, MT**

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

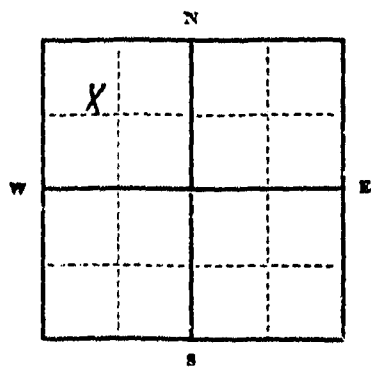
Date well started..... Date completed **Not applicable**

Type of well **Drilled** (Dug, driven, bored or drilled) Equipment used **Drill** (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	8 3/4" 20'	0	26	None		
6 1/4	4 1/2" 100'	26	987	Reinforced	60	275
		0	987		576	920



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

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

Pumping Water Level **100** feet at **10** gal. per minute.

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

How Tested **Boiling**

Length of Test **9 hrs.**

Remarks: (Gravel packing, cementing, packers, type of shutoff) **less. Casing Packer run at 100' and 275 and surface cemented from 0 to 26'**

NW 1/4, Sec. 15, T. 20, R. 16E  
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.

**26**  
Driller's License Number

**B. M. Manson**  
Driller's Signature

**42,396**

30740

COPIES

State of Montana, )  
County of Lewis & Clark, )

OCT 13 1967

19

Filed

at 11:25 o'clock A.M.

May Rathbone  
County Clerk and Recorder

1120-10

GW

15164

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No. ....

T. 20 R. 16

DUPLICATE

County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

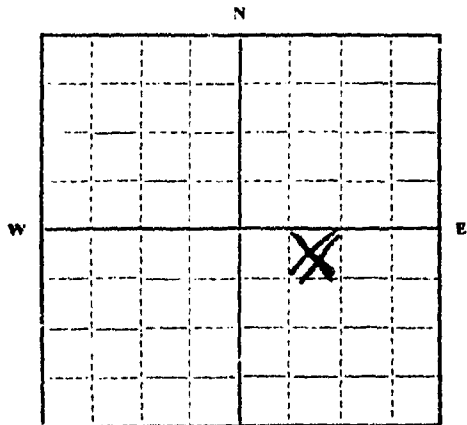
RECEIVED  
NOV 7 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Edward J. Leininger of 816-6th Ave N. 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:



..... 1/4 Sec. 24 R. 20 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.....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1911 continuous use for home & livestock

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  
1/4 A. home & garden  
Edward J. Leininger

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Electric Jet Pumps - Two wells  
East of house One West

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
First well 1911 Second Well 1937  
Third well 1961

8. The depth of water table. 36 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  
38 ft deep each equipped with 1/2 HP Electric Jet Pumps

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

11. The log of formations encountered in the drilling of each well if available  
30 ft yellow sub soil 6 ft gravel  
on top of 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

Edward J. Leininger  
Date Nov. 6, 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.

6263

16164

COPY

State of Montana,  
County of Fergus.

Filed NOV 6 1963  
at 2:55 o'clock P.M.  
May Patton  
County Clerk and Recorder

92<sup>nd</sup> pd.

File No. 17632

Well

T. 20 R. 16  
County Fergus

DUPLICATE

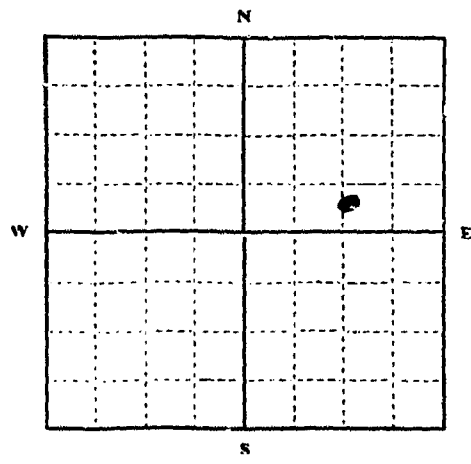
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SE 1/4 Sec. 34 T. 20 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. watering cattle
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Since Oct 10, 1963  
continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 3 gal 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. motor driven pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Oct 10, 1963
- 8. The depth of water table. four 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. hand dug 12' deep
- 10. The estimated amount of groundwater withdrawn each year. 40,000 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. not applicable

Signature of Owner Jama E. Knox  
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.

19092

17632

State of Montana, }  
County of *Deer* }

**COPY**

DEC 31 1963

at *11:20* o'clock *P.* M.

*\$ 200.00* **MAY RATHBUN**  
County Clerk and Recorder



File No. 17631

T 20 R 16

DUPLICATE

County *Fergus*

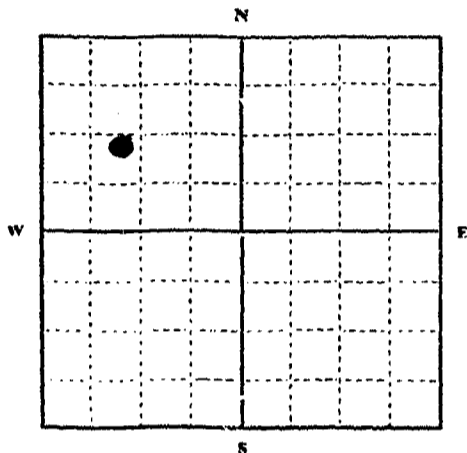
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NW 1/4 Sec. 31 T. 20 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 *for watering cattle*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *Since Sept. 15, 1957 continuous use*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *3 gallons per minute*
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof *not applicable*
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *not applicable*
7. The date of commencement and completion of the construction of the ~~well, wells~~ *spring* or other works for withdrawal of groundwater *Sept 15, 1957*
8. The depth of water table *not applicable*
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater *3 more wells, dug, approx. 20 ft. deep.*
10. The estimated amount of groundwater withdrawn each year *550,000 gal.*
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 *James E. Knox*  
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.

17631

COF.

DEC 31 1963

1:20  
\$200

12:00 P. M.  
**MAY RATHBUN**  
*County Clerk and Recorder*

File No. 17008

Approved Stock Form—State Publishing Co., Helena, Montana—42234 ~~42234~~ 35

T. 20 R. 16  
County. Fergus

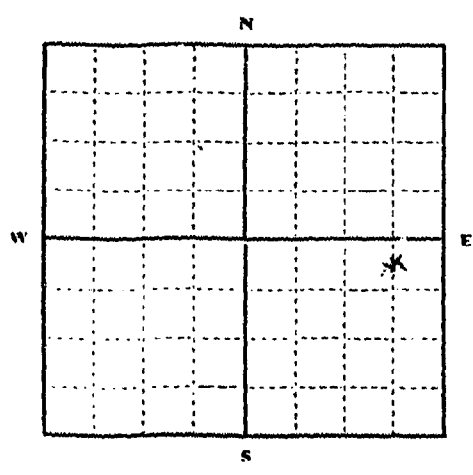
DUPLICATE

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 26 1963  
STATE ENGINEER

I, Pool Bruce, of London,  
(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. 1/4 Sec. 35 T. 20 R. 16  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- The beneficial use on which the claim is based stock water
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1923
- The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gpm
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Y
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Static Pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1923
- The depth of water table 50 ft.
- 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 Pumped
- The estimated amount of groundwater withdrawn each year 10000 gal.
- The log of formations encountered in the drilling of each well if available 25 feet sand clay and 10 ft gravel with stone bottom
- 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 Pool Bruce  
Date 12/23-63

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. 12069

17008

COPY

State of Montana, }  
County of Fergus. }

Filed DEC 23 1963 19  
at 12:05 o'clock P.M.  
*Henry O'Leary*  
County Clerk and Recorder

*2nd pt.*



File No. 12795

T. R.

DUPLICATE

County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground  
(Elev. above sea level.....)  
6 Below ground  
80 Sand Gravel  
40 80 Hard shale with concretions  
80 90 Bauxite clay, some coal  
90 100 Brown sandstone  
water  
100 111 White rock  
111 180 Sandstone Water

Owner Bill Lettengarver Address Suffolk, Montana

Driller George Q. Singley Address Lewistown, Montana

Date of Notice of Appropriation of Groundwater None

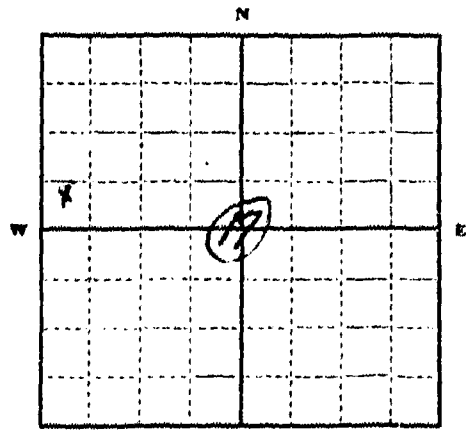
Date well started Nov. 14, 1962 Date Completed Dec. 2, 1962

Type of well Drilled Equipment Used Cable Tool  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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

Size of Packed Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 5/8	4 1/2 7#	below ground 6'	130	slots 2"	105	180



10 1/4 NW 1/4 Sec. 17 T. 20 N. R. 12 E Anchor Packer set at 105' cemented with 10 sacks cement

Show exact depth of bottom.

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

Shut-in Pressure for Flowing Well.....None

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

Discharge in gal. per min. of flowing well.....2.51

How Tested Measured Length of Test 1 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).....

19 Driller's License Number

George Q. Singley 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.

12795

CO. Y

State of Montana, }  
County of Fergus }

JAN 4 1963

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

at 4:00 o'clock P.M.

*Way Rethlen*  
County Clerk and Recorder

*320 pp*

22

File No. 17148

T. R.

DUPLICATE

County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

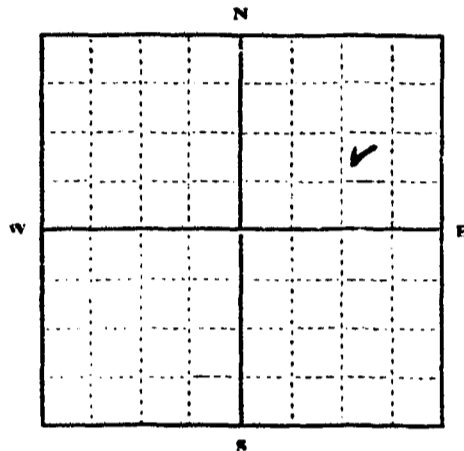
RECEIVED  
DEC 30 1969  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ~~LEROY AND BLAINE MUSICK~~ <sup>cn</sup> of ~~111111/111111~~ ~~MUSICK~~  
(Name of Appropriator) (Address) (Town)

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



SE 1/4 NE 1/4 Sec 22 T. 20R. 17

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 AND HUMAN DRINKING WATER
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been SEPTEMBER 1919 and continuously since
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal natural flow

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater SPRING WAS ENLARGED AND WALLED UP IN SEPTEMBER 1919
- 8. The depth of water table GROUND SURFACE LEVEL
- 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 Approximately 10 feet in diameter and 15 feet in depth
- 10. The estimated amount of groundwater withdrawn each year 525,600 gallons
- 11. The log of formations encountered in the drilling of each well if available not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner LeRoy Musick  
Date 12/26/63

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.

14378



17148

COPY.

State of Maryland }  
County of [unclear] } ss.

Filed DEC 27 1963 79

at 2:30 P.M.

*[Signature]*  
County Clerk and Recorder

\* 200

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

T. 20 N R. 17 E

24

DUPLICATE

County: Fergus

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

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

(Under Chapter 237, Montana Session Laws, 1961)

(Elev. above sea level \_\_\_\_\_)

0-11' surface silt  
11-21' bentonite  
21-57' sandy shale  
57-60' lime sandy layers  
60-76' benetic sand  
76-90' sandshale-brown  
lime streaks

Owner: Louie Knudson Address: Hilger

90-101' sandy shale-iron nodules  
101-120' sandy shale-lime matrix  
120-141' sand tite

Driller: Munson Drilling Co. Address: Grass Range, Mont.

Date of Notice of appropriation of groundwater: Not Applicable

141-144' bentonite-sand  
144-156' hard tite sand

Date well started: Nov. 11, 1968 Date completed: Nov. 30, 1968

156-161' shale-marine

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

161-166' hard limey sand  
166-200' limey sand layers-shale

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

200-211' lignatic iron nodules  
layers topclagget

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.

211-270' marine shale silty sand  
270-300' same  
300-400' same

400-459' shale-bentonite strks.

450-470' same  
470-540' firm shale-bentonite

540-600' same  
600-640' firm shale-sandy shale

640-651' grey sand streaks-shale  
651-654' grey sand-lime (Eagle Top)

654-709' Eagle-limey sand-tite  
709-770' same

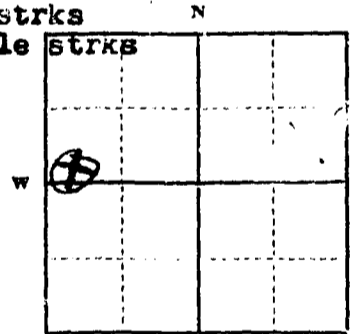
770-776' friable sand #26  
776-822' same

822-832' sand plus shale strks  
832-844' shale thin shale strks

844-861' sand strks to shale  
861-888' ditto

888-893' bentonite-shale  
T.D.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
12" 9-11'	22#	0	21			
8 5/8"	22#	0-21				
6 1/2"	8.5#	21	893	regular 770'		822'
		0	893			



SW 1/4 NW Sec. 24 T. 20. R. 17  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well ..... 280' feet.

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

Pumping Water Level..... 440' feet  
at 7 gal gal. per minute.

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

How Tested: continuous 16 hrs  
baling

Length of Test.....

Remarks: (Gravel packing, cementing, packers, type of shutoff)..... save type  
catcher packer @ 770'  
650' 211' 141' each cemented  
with one sack cement.  
Surface cemented with 6  
sacks 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.M. Munson  
Driller's Signature

14,835

3-4-78

COPY

State of Missouri ss.  
County of [illegible]

Filed DEC 9 1968

at 10:35 o'clock A.M.

*Wm. R. [illegible]*  
County Clerk and Recorder

\$200.00

25

File No. **28634**

T. **25N** R. **17E**

JAN 25 1967

DUPLICATE

County **Fergus**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

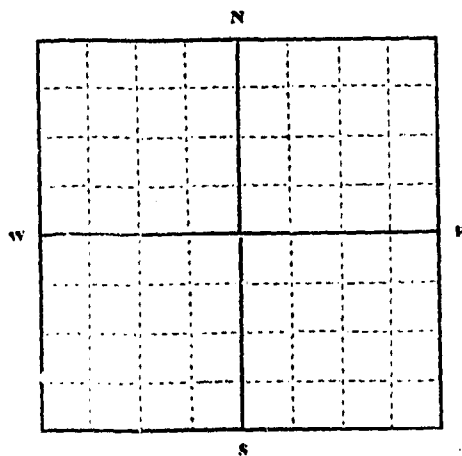
Date of Appropriation of Groundwater **October 20, 1966**

Owner **E. W. Heule** Address **Great Falls, Montana**

Contractor (if any) **Sam Benes**

Address of Contractor **Lewistown, Montana**

Date Started **Oct. 17, 1966** Date Completed **Oct. 20, 1966**



**N<sub>2</sub> SW 1/4 Sec. 25 T. 25N R. 17E**

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

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) **Spring developed and pipe and water tank installed.**

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

3) Depth of water table **8 feet**

4) Use of the water **for stock**

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) **5 gallons per minute**

6) If used for irrigation, give number of acres and description of land **no**

7) Estimate amount of water used each year **350,000 gallons**

Signature of Owner *E. W. Heule*

Date **January 20, 1967**

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.

28634

28634

COPY

State of Missouri }  
County of Polk }

Filed JAN 24 1967 19  
at 9:45 o'clock A.M.

*May Rothman*  
County Clerk and Recorder

\$2.00 pd

29

File No. 14144

T. 20N R. 17E

DUPLICATE

County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Top of Ground

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

Owner..... Address.....

Driller..... Address.....

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

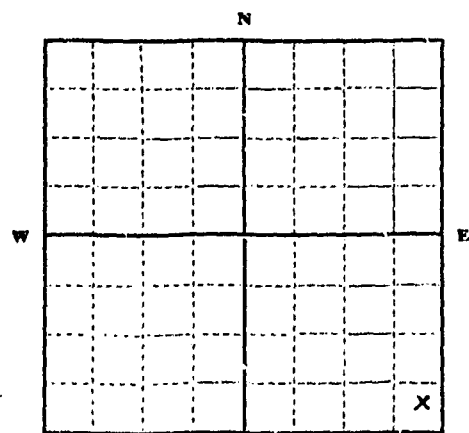
Date well started: April 15, 1965 Date Completed: April 17, 1965

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

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/2		0	45			
5		45	50			
	5- 9/16 2	above	25			
	15'					



Sec. 29 T. 20N R. 17E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well..... 27..... feet.

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

Pumping Water Level..... 50..... feet at..... 30..... gal. per minute.

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

How Tested..... Length of Test..... 1 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).....

Driller's License Number

Driller's Signature

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

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

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

11295

File No. 14144

T. 20N R. 17E

DUPLICATE

County Judith

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



Top of Ground  
(Elev. above sea level.....)

45 clay, sand, shales, gravel  
sandstone, etc.

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner John Brooks Address.....

Driller George O. Singler Address Lewistown, Montana

Date of Notice of Appropriation of Groundwater..... None

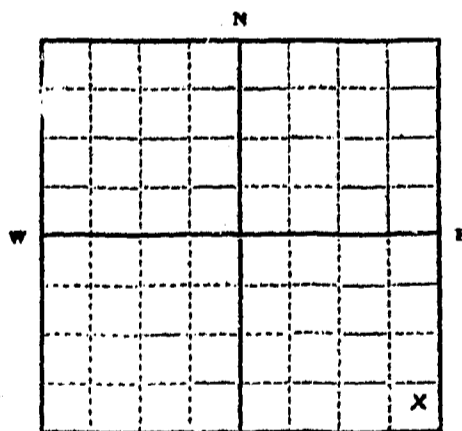
Date well started April 12, 1963 Date Completed April 13, 1963

Type of well..... Drilled Equipment Used Cable Tool  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/2 5	5- 9/16 15# OD	0	45			
		45	82			
		2 above	45			



Sec. 29 T. 20N R. 17E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well..... 27 feet.

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

Pumping Water Level..... 50 feet at..... 30 gal. per minute.

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

How Tested..... Drilling Length of Test..... 1 hr.

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

Sealed on bottom.....

Driller's License Number..... 219

Driller's Signature..... George O. Singler

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.

4295

14144

COPY

State of Montana, } ss.  
County of Fergus.

Filed SEP 29 1963 19  
at 4 30 o'clock P. M.

*Wm. Rathbone*  
County Clerk and Recorder

*\$2.00 pd*





GW

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

T 20 R 18 E

DUPLICATE

County Fergus

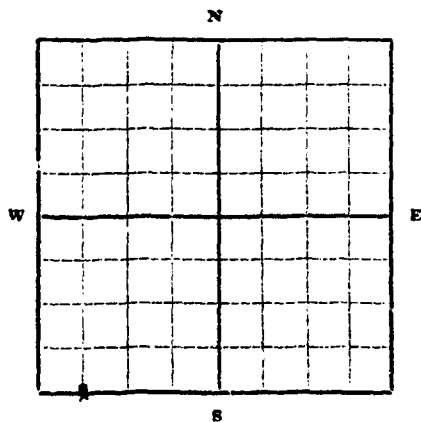
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Martin Udelhoven 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:



SW 1/4 SW Sec. 2 T.20 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been November 25, 1961  
( Continuous )

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 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 Applicable )

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Spudded in November 21, 1961 Completed - Nov. 25, 1961

8. The depth of water table 240 Ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
5 & 5/8 - 250 Ft.

10. The estimated amount of groundwater withdrawn each year 125,000 Barrels.

11. The log of formations encountered in the drilling of each well if available Spudded into the base of the Bear Paw Shale, T.D. in the Judith River.

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 Martin Udelhoven

Date Jan. 22, 1962

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

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

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

8322 COPY

State of Missouri, } ss.  
County of Ferguson. }  
Filed JAN 22 1962 19  
at 2:30 o'clock P.M.  
*May Plathum*  
County Clerk and Recorder

*420. per*

File No. 17520

T. 20 R. 18E

DUPLICATE

County FERGUS

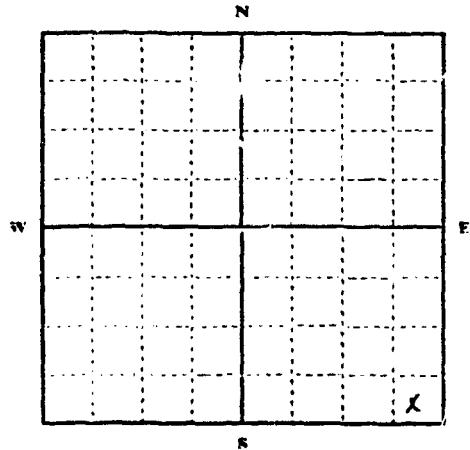
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. KENNETH THOMPSON, of WINIFRED  
(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:



SE 1/4 Sec. 7 T. 20 R. 18E  
Ind. point of appropriation  
and of use, if possible. Each  
square represents 10 acres.

2. The beneficial use on which the claim is based household and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947 on, steadily

4. The amount of groundwater claimed (in miner's inches or gallons per minute) approx. 7 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 electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1947 drilled

8. The depth of water table 107 ft

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

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available should be a record at court house

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 Kenneth Thompson  
Date Dec. 28-63

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

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

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

18486