

8778

COPY

Filed FEB 28 1962  
at 4:55 o'clock P.M.  
Mary Ruthen  
County Clerk and Recorder

420, pt

File No. 16779

DUPLICATE

T. 12 N. R. 17 E.

County...

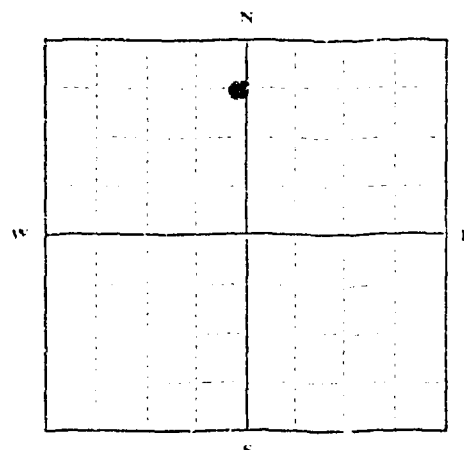
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Erwin Weinkens of East Liberty Montana  
(Name of Appropriator) (Address) (Town)  
County of Beaverhead State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec 23 T. 12 N. R. 17 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 Crop  
irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Earliest date unknown  
to me. Use started with me  
purchase of the Ranch in 1948
4. The amount of groundwater claimed (in miner's inches or gallons per minute) No measuring device used,  
sufficient amount used to keep crops  
thrifty, amount depends upon rainfall.
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  
Parts of 1/2 N 1/2 Sec 17, NE 1/4 Sec 18  
in T. 12 N. R. 17 E. approximately  
60 acres. Owner same
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by irrigation  
ditch. Head of irrigation ditch in  
NW 1/4 Sec 23 T. 12 N. R. 17 E
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Earliest establishment of ditch unknown to  
me, use started in 1948
8. The depth of water table Water taken from Warm Spring Creek
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 Water taken from Warm  
Spring Creek by irrigation ditch.
10. The estimated amount of groundwater withdrawn each year not ascertained,  
amount varies with amount of rainfall
11. The log of formations encountered in the drilling of each well if available  
Water taken from Warm Spring Creek
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 Records unknown to me.

Signature of Owner

Erwin WeinkensDate December 2, 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.

16779

COPY

State of Wisconsin  
County of Lincoln

DEC 13 1963

19

Filed  
at 11:00 o'clock P.M.

Way Arthur  
County Clerk and Recorder

\$200.00

GW

16778

File No.

DUPLICATE

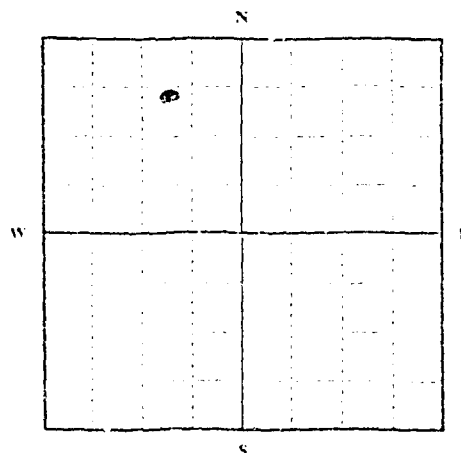
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

Under Chapter 237, Montana Session Laws, 1961

RECEIVED  
STATE ENGINEER

1. Ervin Winkelman of Box 58 Livingston  
(Name of Appropriator) (Address) (Town)  
County of Ft. Hill State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 24 T. 17 N. R. 17 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 Crop  
irrigation
3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been Earliest date unknown  
to me, my use started with my  
purchase of this Ranch in 1948
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) No measuring device used  
sufficient amount used to keep crops  
thrifty, amount depends upon rainfall
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  
Parts of Sec 17, 21, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 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16778

COPY

State of Montana, }  
County of Fergus }

Filed DEC 13 1963 19  
at 11:00 o'clock A.M.

Wray Plathman  
County Clerk and Recorder

\$200.00

(over)

88932

Log of Well

Depth, feet		Description of Material Drilled
From	To	
surface	2'	Loam
2'	12'	Loam
12'	13'	Hard cap
13'	22'	Light brown sand water
22'	25'	Loam
25'	30'	Loam
30'	32'	Loam
		Bottom of drilling and 4 inch pipe to 15'

State of Kansas  
County of Pottawatomie

Filed

10:30 o'clock A. M.

DORIS L. MANS  
County Clerk and Recorder

By May Rathburn  
Deputy

-SD 492-

File No. **16927**  
DUPLICATE

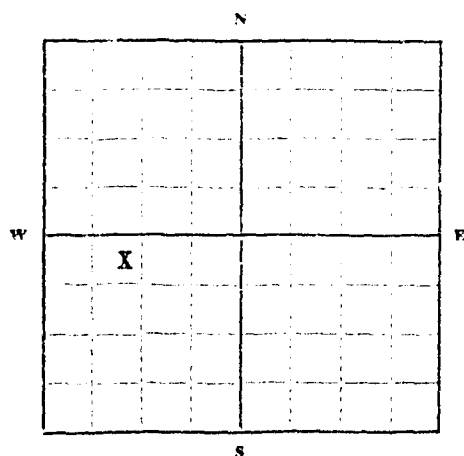
T. **17** N. **17**  
County **Fergus**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **FRANK SRAMEK** of **Rte. 3 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:



NW 1/4 SW Sec. 25 T17 R17

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

2. The beneficial use on which the claim is based...  
**stock water**
3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been... **1942 - continuously**  
**self flowing - developed spring**
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute)... **10 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 used for irrigation**
6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal...  
**self flowing**
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater... **approximately 1942**
8. The depth of water table... **8 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'x6'**
10. The estimated amount of groundwater withdrawn each year... **supply all livestock uses**
11. The log of formations encountered in the drilling of each well if available...  
**dug spring - self flowing - 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... **dug out spring - stock water**

Signature of Owner

*Frank Sramek*

Date **Dec. 19, 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.



16927

COPY

RECEIVED

DEC 19 1963

19

1:30

P.M.

Wm. G. Gentry  
County Clerk and Recorder

\$200.00

File No 16928  
DUPLICATE

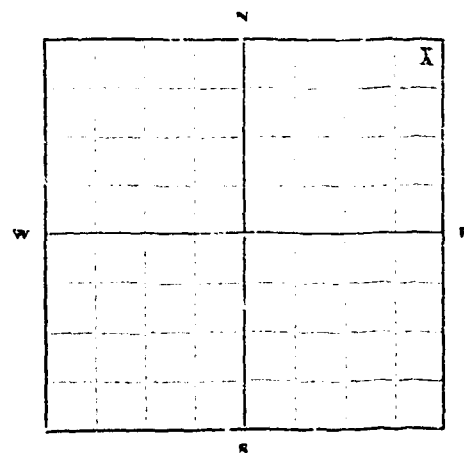
T 17 R 17  
County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Frank Sramek of Rte. 3 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 NE 1/4 Sec. 35 T 17 R 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 water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been, 1940 - continuously  
self flowing - developed spring
4. The amount of groundwater claimed (in miner's inches or gallons per minute), 10 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 used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal, self flowing
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater, approximately 1940
8. The depth of water table, 6 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater, 4x6' board lined
10. The estimated amount of groundwater withdrawn each year, supply all livestock uses
11. The log of formations encountered in the drilling of each well if available, dug spring - free flowing - 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, dug out spring - stock water

Signature of Owner Frank Sramek

Date December 19, 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.

16928

COPY

NOTICE OF RECORDING

DEC 19 1963

19

1:30

4:00 P.M.

Wey Anthony  
County Clerk and Recorder

22<sup>nd</sup> Jan



File No. 10010T. 17 R. 18

DUPLICATE

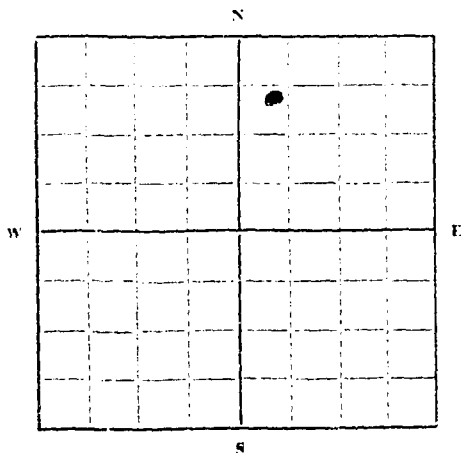
County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Vernon E. Johnson of Helena, 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:



NW 1/4 NE Sec. 1 T. 17N R. 18E

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 use  
for stock.
3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been 1936. Well has been in  
continuous use.
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) Approximately 10 gpm.
5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
Not used for irrigation.
6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal  
Withdrawn by jet pump located in NW 1/4 NE 1  
Sec 1 T-17N R-18E.
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater March 1956.
8. The depth of water table 25 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 Drilled well with 6 inch steel casing. Well  
depth 50 ft.
10. The estimated amount of groundwater withdrawn each year 100,000 - 150,000 gallons per year.
11. The log of formations encountered in the drilling of each well if available 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 This well has been continuously in use  
by the original owner and his family since it was drilled and ownership has  
never changed. Well was drilled by George Singler of Lewistown.

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

6-1-62

15813 COPY

State of Montana, )  
(County of Garfield)

OCT 17 1963

Filed

at 10:00 o'clock A.M.

Way Rethun  
County Clerk and Recorder

200-15

File No. **25946**

DUPLICATE

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

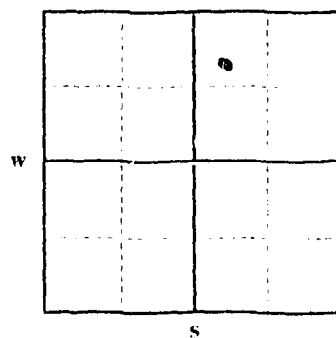
(Elev. above sea level.....)

0 1 Topsoil  
1 30 Yellow clay and gravel streaks  
30 60 Blue shale with concretions  
60 62 Hard white rock  
62 90 Shale  
90 92 Hard dark grey sandstone  
92 213 Shale  
213 214 Hard white rock  
214 310 Shale Bentonite streaks  
310 325 Bentonite  
325 327 Hard white rock  
327 390 Hard slaty shale  
390 400 Streak of Bentonite  
400 435 Top of Eagle sandstone  
435 437 Cap rock  
437 467 Sandstone  
467 510 Green shaly sandstone  
510 627 White sandstone  
627 629 Hard white silicate  
629 685 White sandstone  
685 695 Water  
695 Shale

Owner **Eugene Wichman** Address **Hilger, Montana**  
Driller **George O. Singley** Address **Lewistown, Mont.**  
Date well started **Feb. 1, 1966** Date completed **Feb. 7, 1966**  
Type of well **Drilled** Equipment used **Rotary**  
(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	43			
5-5/8		43	475			
4-3/4		475	695			
	6-5/8 OD	above ground	507			
	6-1/2 ID	1	43			
	9#					
	4-1/2 OD 4-1/2 ID Elastic					
	1.5#					



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

Static Water Level for non-flowing well.....**40** feet.

Shut-in Pressure for Flowing Well.....**0**

Pumping Water Level.....**250** feet

at.....**5** 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).....**Sealed with packer at 475'**

(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.

**419**  
Driller's License Number

**George Singley**  
Driller's Signature

25946

COPY

State of Montana. }  
County of *Butte* }

Filed APR 4 1966  
at 12:10 o'clock P.M.  
*May Fletcher*  
County Clerk and Recorder

82-2



County: Fergus

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 Gene L. Lichman

Address Hillier, Montana

Date well started Dec. 14, 1970

completed Dec. 23, 1970

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

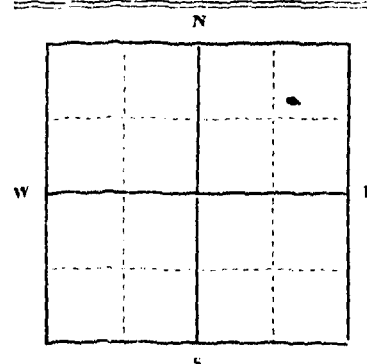
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\* Describe

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

## ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5-5/8	4 1/2 OD 4 ID Plastic gr. 2"	0	120	1/4 holes	6	120



Static water level ..... 3 ..... ft.\*  
Pumping water level ..... 20 ..... ft.\*  
at ..... 20 ..... gallons per minute,  
measured ..... minutes after pumping  
began.

\*Measured from ground level. **2**  
Well developed by **balling**  
for **6** hours.  
Power **1** Pump **1** HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

AC 1/4 AC 1/4 Sec. 1  
T. 17 N. R. 18 E.  
S W

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

Driller's Signature

Driller's Address

LICENSE NO. 19

### DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	1	Topsoil
1	5	Yellow clay
5	55	Yellow clay fractured
		Rust streaks
25	60	Sandy shale
60	61	Sandrock
61	98	Shale with rock streak
98	120	Shale
		Water is seeping in this hole - on to bottom

Water is seeping in  
this hole-top to bottom

100

CCVA

State of Montana  
County of Blaine  
Filed JAN 20 1971  
at 2:30 P. M.  
*Way Rethers*  
County Clerk and Recorder  
120073-

GW

File No. **17634**

DUPLICATE

T. 17 R. 18

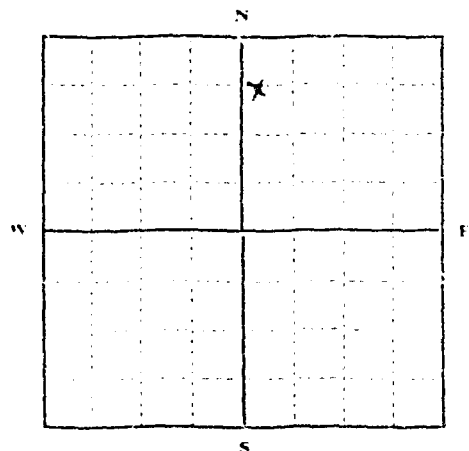
County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. I, John J. Smith, of Butte, Montana,  
(Name of Appropriator) (Address) (Town)  
County of Butte 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. 5 T. 17 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 for domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since 1925
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 miner's inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by means of a well

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 10 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
10. The estimated amount of groundwater withdrawn each year 600,000 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

Date

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

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

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

1967

17634

COPY

1126 P  
#2 PL MAY 1976 RUN

File No. 17653

T 7 R 12

DUPLICATE

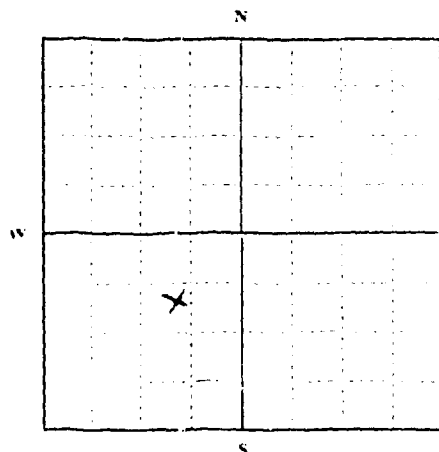
County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Joseph & Peter [illegible] of [illegible] (Name of Appropriator) [illegible] (Address) [illegible] (Town)  
County of [illegible] State of [illegible]  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 5 T. 7 N. R. 12 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 [illegible]  
[illegible]
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1900 - continuously for stock and for domestic use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal gravity flow and hand drawn for domestic
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1900
8. The depth of water table 10 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater watered up well
10. The estimated amount of groundwater withdrawn each year 1,000,000
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

Signature of Owner

Date Dec 30 - 63

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

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

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

1963

17633

State of Montana vs.  
County of Lewis

COPY

Filed ..... 19\_\_\_\_  
at .....  
\$ 2.00  
MAY BETHBUN  
County Clerk and Recorder

File No. 17694

T 17 R 18

DUPLICATE

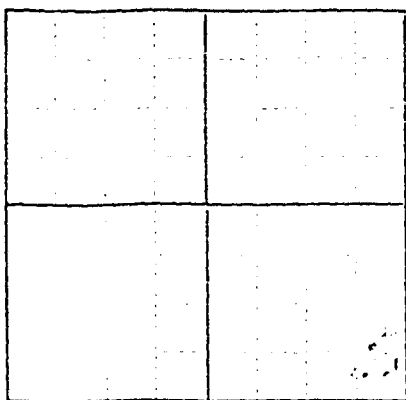
County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **ESTELLE RUZICKA** of **1201 W. Blvd.** **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. 1 T. 17 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  
**Household & Stock water**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1. 1911 Continuous  
2. 1926 "  
3. 1957 "
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
1. 10 gals per min.  
2. 5 gals per min.  
3. 5 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  
**None**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
**All 3 by pump**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
1. 1911  
2. 1926  
3. 1957
8. The depth of water table **Unknown**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
1. Rock - 12 ft.  
2. 24" pipe - 14 ft.  
3. 30" pipe - 14 ft.
10. The estimated amount of groundwater withdrawn each year **Unknown**
11. The log of formations encountered in the drilling of each well if available **Dug not drilled**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date 12/31/63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate to the American Association

19154

17694

State of Montana }  
County of Lewis & Clark }

COPY

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

27 35

o'clock 22 M.

1002

MAY 27 1935  
County Clerk and Recorder



T 21 R 15

County \_\_\_\_\_

1984

## RIGHTS OF CRIMINALS

## RIGHTS OF CRIMINALS

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

2. The beneficial use on which the claim is based is the use of the same as a

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

5. If used for irrigation, give the acreage and description of the land 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  
 Detail of hand pumps on both wells.

7. The date of commencement and completion of the construction of the well, wells, or other works for with drawal of groundwater. commenced 1-1-71

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 65,000,000 gal. per day

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 *James M. Black*

Date December 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.

19169

17726

State of Missouri.  
County of St. Louis.

ss. COPY

Filed DEC 31 1963 19

at 2:50 o'clock P.M.

\$2.50

MAY RATHBUN  
County Clerk and Recorder

GW3

24875

File No.

T. 17N. R. 18E

DUPLICATE

County. Fergus

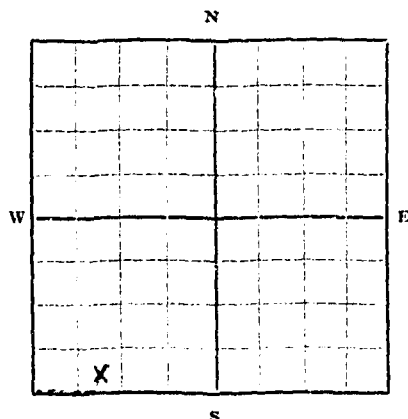
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

# Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)



SE 1/4 SW 1/4 Sec. 14, T17N, R18E

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

Starting at the SW corner of Section 14, T17N, R18E and bearing S 89° 15' E for 900 ft., then N 10° 30' E for 225 ft. to the point of termination which is the Spring.

Date of Appropriation of Groundwater *Natural Spring*  
 Owner *Clarence J. Sweeney* Address *Hulger, Montana*  
 Contractor (if any) *None*  
 Address of Contractor *None*  
 Date Started *None* Date Completed *None*

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

*Natural Spring on hillside. Flows constantly. Spring was cleaned & rocked by C.C.C's in 1941 or 1942. They also dug a new short channel to Sisk Creek which eliminated a bog.*

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.

*0.75 Cubic ft. per Second. Measured. X-Sections of 2' x 1/2' depth. I floated stick in water; it moved 15' in 20 seconds. Spring is used year around for livestock water.*

Signature of Owner *Clarence J. Sweeney*

Date *December 11, 1965*

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 School of Mines and Quadruplicate for the Appropriator.

*Notes: Future plans for excess flow is a small contour ditch for spreading water on grassland.*

24875

COPY

State of Tennessee  
County of Bedford

DEC 14 1965

Filed

19

at 8:35 o'clock A. M.

Wm. R. Ratter

County Clerk and Recorder

200 pt.

GW3

File No. **24873**

DUPLICATE

T. 17. R. 12E

County: Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

STATE WATER CONSERVATION BOARD (Under Chapter 237 Montana Session Laws, 1951)

SEC. 15-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-1098-1099-1100-1101-1102-1103-1104-1105-1106-1107-1108-1109-1110-1111-1112-1113-1114-1115-1116-1117-1118-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1190-1191-1192-1193-1194-1195-1196-1197-1198-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1220-1221-1222-1223-1224-1225-1226-1227-1228-122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9-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-2397-2398-2399-2400-2401-2402-2403-2404-2405-2406-2407-2408-2409-2410-2411-2412-2413-2414-2415-2416-2417-2418-2419-2420-2421-2422-2423-2424-2425-2426-2427-2428-2429-2430-2431-2432-2433-2434-2435-2436-2437-2438-2439-2440-2441-2442-2443-2444-2445-2446-2447-2448-2449-2450-2451-2452-2453-2454-2455-2456-2457-2458-2459-2460-2461-2462-2463-2464-2465-2466-2467-2468-2469-2470-2471-2472-2473-2474-2475-2476-2477-2478-2479-2480-2481-2482-2483-2484-2485-2486-2487-2488-2489-2490-2491-2492-2493-2494-2495-2496-2497-2498-2499-2500-2501-2502-2503-2504-2505-2506-2507-2508-2509-2510-2511-2512-2513-2514-2515-2516-2517-2518-2519-2520-2521-2522-2523-2524-2525-2526-2527-2528-2529-2530-2531-2532-2533-2534-2535-2536-2537-2538-2539-2540-2541-2542-2543-2544-2545-2546-2547-2548-2549-2550-2551-2552-2553-2554-2555-2556-2557-2558-2559-2560-2561-2562-2563-2564-2565-2566-2567-2568-2569-2570-2571-2572-2573-2574-2575-2576-2577-2578-2579-2580-2581-2582-2583-2584-2585-2586-2587-2588-2589-2590-2591-2592-2593-2594-2595-2596-2597-2598-2599-2600-2601-2602-2603-2604-2605-2606-2607-2608-2609-2610-2611-2612-2613-2614-2615-2616-2617-2618-2619-2620-26

24873

COPY

Filed DEC 14 1965 19  
at 8:35 o'clock A.M.  
*Wm. R. Rother*  
County Clerk and Recorder

\* 200 -

GW 2

File No. **24874**

T. 17N. R. 15E.

DUPLICATE

County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Natural Spring  
come with farmstead

Owner Clarence J. Sweeney Address Hilfer, Montana

Contractor (if any) none

Address of Contractor none

Date Started none Date Completed none

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

water when applicable. Natural spring flows constantly

Concrete house 4' x 10' x 6' height with concrete roof

added over spring with 1' x 6' x 5' depth wooden tank inside

This was built around 1900 by John Sweeney. Tank was used

for cooling dairy milk until approximately 1945

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use 2" x 2" slot

by door runs over most of year. Flow estimated at 10

gallon per minute. Livestock drink from overflow

8 months of year.

Signature of Owner Clarence J. Sweeney

Date December 11, 1965

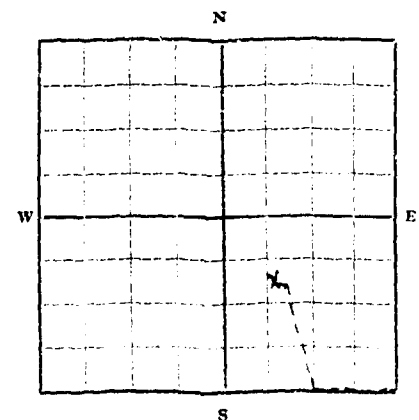
This form to be prepared by contractor (if any), otherwise by the owner.

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 School of Mines and Quadruplicate for the Appropriator.

Later plan for excess flow is gravity feed through corral for watering of



SE 1/4 Sec. 15, T. 17N. R. 15E.

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

Starting at the SE Corner of Section 15-T17N-R15E & bearing S. 89° 30' E. for 1332 ft; then N 10° 50' W for 1750'; then S. 74° 40' E for 112 ft. to the point of termination which is the concrete spring house.

24874

COPY

State of Montana. } ss.  
County of DeWitt.  
Filed DEC 24 1965 19  
at 8:35 o'clock P. M.  
Way Kethen  
County Clerk and Recorder

\$200.00



File No. 16981

T. 17 R. 18

DUPLICATE

County FERGUS

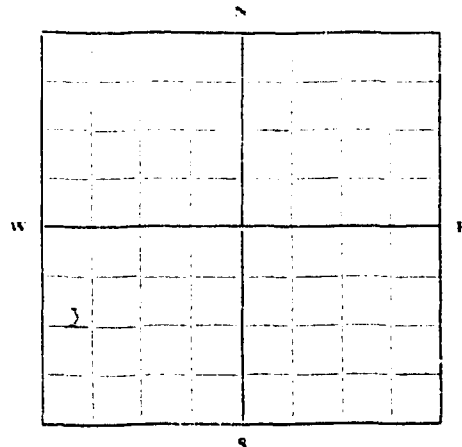
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 21 1963  
STATE ENGINEER  
LEWISTON

1. DEAN C. BURNHAM of ROUTE 3  
(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. 19, T. 17 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 domestic use  
at house and buildings and watering lawn
3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been 18 years ago and used con-  
tinually since
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) about 1 gallon per minute
5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
not applicable
6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal  
well in NW 1/4 of Section 19; water with-  
drawn by electric pressure pump
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater 18 years ago
8. The depth of water table about 22'
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 33' deep, about 4' diameter at  
bottom, cased from water up with 4" casing, pumped in 42 gallon  
pressure tank
10. The estimated amount of groundwater withdrawn each year about 250,000 gal 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

Signature of Owner DEAN C. BURNHAM

Date DECEMBER 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.

243

16981

DEC 10 1963  
2:45 P.M.  
May Rathbun  
\*200 pl

GW

File No. 17303

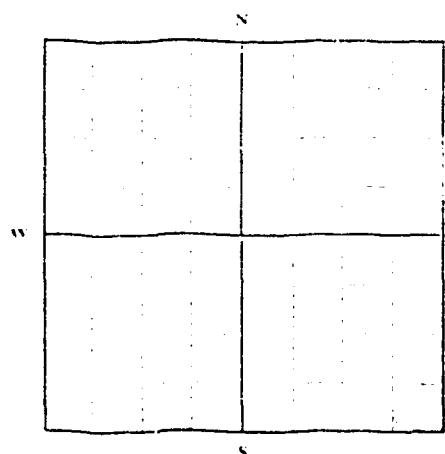
DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

Under Chapter 237, Montana Session Laws, 1961

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



\_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_

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

2. The beneficial use on which the claim is based.....
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.....
10. The estimated amount of groundwater withdrawn each year.....
11. The log of formations encountered in the drilling of each well if available.....
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner.....

Date.....

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.

17231

17303

State of New York  
County of New York  
FILED DEC 20 1963  
BY *B. J. O.*  
*May Rattler*  
County Clerk and Recorder  
#200pt.

File No. **16931**T. **17** R. **18**

DUPLICATE

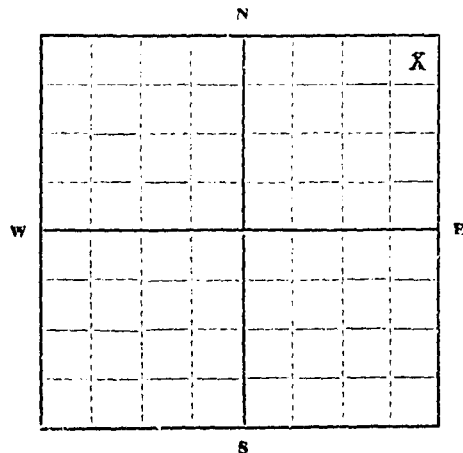
County **Fergus**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **ANNA M. SRAMEK** of **524 W. Brassey St.** **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 NE 1/4 Sec 21 T 17 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.....  
**Domestic use and stock water**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....**1945 - continuously**  
**spring**
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....**15 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 used for irrigation**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
**pumped**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....**approximately 1945**
8. The depth of water table.....**5 feet**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....**10 feet deep 4'x8' concrete**
10. The estimated amount of groundwater withdrawn each year.....**supply all domestic use and livestock**
11. The log of formations encountered in the drilling of each well if available.....  
**dug spring - 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.....  
**dug out spring - domestic and stock water**

Signature of Owner

*Anna M. Sramek*Date **Dec. 19, 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.

16931

COPY

State of Montana  
County of Lewis & Clark

Filed DEC 19 1963 19  
at 1:55 o'clock P.M.

*Wm. Arthur*  
County Clerk and Recorder

*20 p.*

17725

File No.

T 17 R 13

DUPLICATE

County: Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

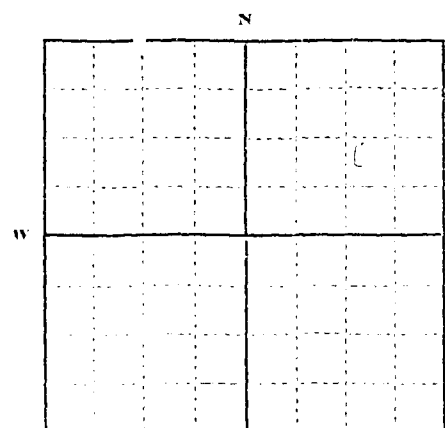
1. Dale H. and Sharon V. Knox  
(Name of Appropriator)

of 211 1st St. N. (Address) (Town)

County of Blaine

State of Montana

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



SE 23  
23 1/4 Sec. 7/T. 17 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 is domestic use and livestock watering.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Since 1951. Used continuously since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). It is estimated that the amount of discharge is about 100,000 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. Garden and shelter belt are irrigated. Description same as above.

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

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

8. The depth of water table. Approximately 30 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. One well - approximately 20 feet deep.

10. The estimated amount of groundwater withdrawn each year. Approximately 100,000 gallons.

11. The log of formations encountered in the drilling of each well if available. Not available.

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

Signature of Owner *Dale H. Knox*

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.

1968

17725

State of Montana, } ss. COPY  
County of Lewis & Clark, }  
Filed DEC 31 1963  
at 2:55 o'clock P.M.  
425 Ed. MAY RATHBUN  
County Clerk and Recorder



GW

File No. 17724

DUPLICATE

Approved State Engineer (Signature) \_\_\_\_\_

T. 27 R. 12

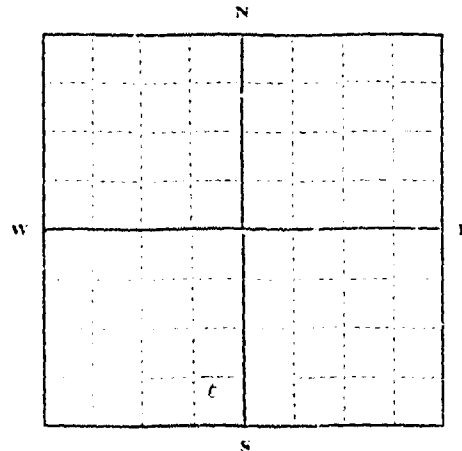
County: Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. I, Sharon V. Knox, of Blaine, Blaine County, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 14, 34, Sec. 24, T. 17, R. 12

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

2. The beneficial use on which the claim is based is for domestic use.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Used approximately since 1940.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) approximately 25 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 for irrigation at this time.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by hand pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater approximately 1940.
8. The depth of water table approximately 10 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater one well approximately 25 feet deep.
10. The estimated amount of groundwater withdrawn each year 25 gpm.
11. The log of formations encountered in the drilling of each well if available none available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none available.

Signature of Owner Sharon V. Knox

Date December 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.

19167

17724

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

COPY

DEC 7 1963

Filed

19

at 2:50

o'clock P.M.

*W. J. H.*

MAY BATHBUN  
County Clerk and Recorder

File No.

12546

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Lee F. Kinn Address Route 3Driller R. H. McManis Address Heath

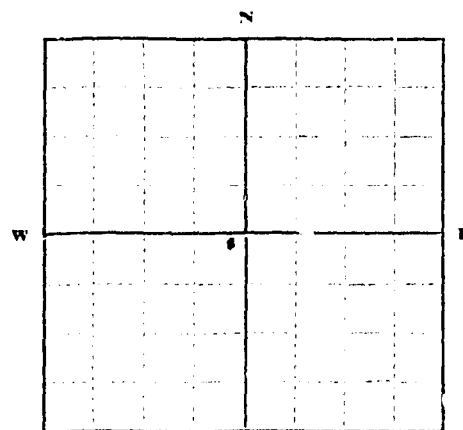
Date of Notice of Appropriation of Groundwater

Date well started June 1 Date Completed June 2Type of well Rotary Equipment Used Rotary  
(dug, driven, ~~other~~ 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)
1 7/8	4"	55	55	Soak	20	20

water 40 feet



NE 1/4 Sec. 26 T. 17 R. 18

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 15 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 15 feet at 15 gal. per minute.Discharge in gal. per min. of flowing well undeterminedHow Tested Pumped Length of Test 8 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)

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.

12548

COF.

State of Montana }  
County of Lewis & Clark }

Filed \_\_\_\_\_ 18 1962  
at 10:15 o'clock A.M.  
May Rathbun  
County Clerk and Recorder

42-9-2

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

DUPLICATE

T. 17 N. R. 18 E

County Frederick 26

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)

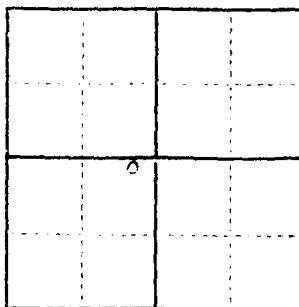
Owner Bill Kya Address Route 2Driller P. J. Meadmore Address HeathmontDate of Notice of appropriation of groundwater May 22 1965Date well started June 1 1965 Date completed June 7 1965Type of well Drilled Equipment used Rotary  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: 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	6 5/8 #50	0	60	Joint	40	60

Doc  
Filed

this 6-11 : 11:00 A.M.  
A. D. 1965 : 11:50  
driller A.M.



Section 26 T. 17 N. R. 18 E.  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 15 feet.

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

Pumping Water Level 15 feet at 20 gal. per minute.

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

How Tested BailerLength of Test 2 hrsRemarks: (Gravel packing, cementing, packers, type of shutoff) Packerat 40 feet

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 110144Driller's Signature P. J. Meadmore521589

50049

COPY

County of Fergus ) ss.

Filed MAR 5 1973

at 10:50 a.m. by *Wm. R. H.*

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

Fee Paid *\$2.00*

File No. 17669

DUPLICATE

T 17 R 18

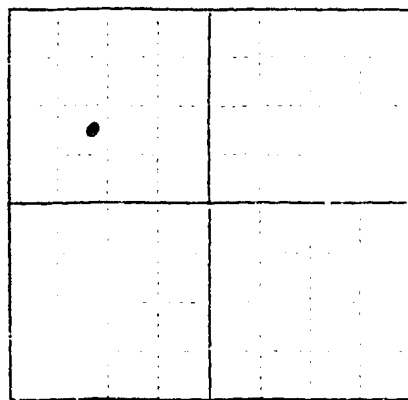
County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **OTTO HOKUFF** of **Rt #3, Box 42** **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 NW Sec. 27 T. 17R. 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 **Household use**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **Not known, well has been used quite a few years before I acquired property.**
4. The amount of groundwater claimed (in miner's inches or gallons per minute). **50 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 **None**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **Pump**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **Not known**
8. The depth of water table **12 ft**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **4" casing, 42 ft. deep.**
10. The estimated amount of groundwater withdrawn each year **20,000 gal.**
11. The log of formations encountered in the drilling of each well if available **None known**
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 Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator

CO.

1150

6.2.24

MAY FATHLEUN



File No.

24054

SEP 28 1965

T. 17 N. R. 18 E. S. 14

DUPLICATE

Bile \_\_\_\_\_ McDermott \_\_\_\_\_

Buthorn \_\_\_\_\_ McNeil \_\_\_\_\_

COyle \_\_\_\_\_ Morrison \_\_\_\_\_

Darlington \_\_\_\_\_ Sullivan \_\_\_\_\_

Dickert \_\_\_\_\_

County Lehigh

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

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

10 clay

gravel 55

Shale 5

# Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner School Dist 11 Address BrooksDriller P. J. Miaman Address Heath

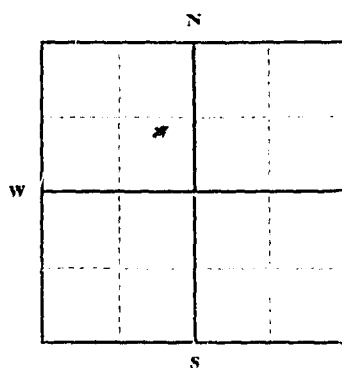
Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started \_\_\_\_\_ Date completed \_\_\_\_\_

Type of well 9 1/2 1/2 Equipment used 9 1/2 1/2  
(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 X 7 1/2	0	60	7000	35	60



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

Shut-in Pressure for Flowing Well 17 feet.

Pumping Water Level 17 feet.

at 20 gal. per minute.

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

How Tested Pumped

Length of Test 9 hrs

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

1/4 Sec. T. R. \_\_\_\_\_  
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).

how great depth of bottom.

460 feet

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

No. 144

Driller's Signature

P. J. Miaman

Driller's Signature

Michael Dilling

546-34

24054

COPY

State of Montana,  
County of Fern...

Filed SEP 24 1965

at 3:05 P.M.

MAY RATHBUN

County Clerk and Recorder

By *James Wagner*  
Deputy

No Fee

File No. 16930

DUPLICATE

T. 17 R. 18

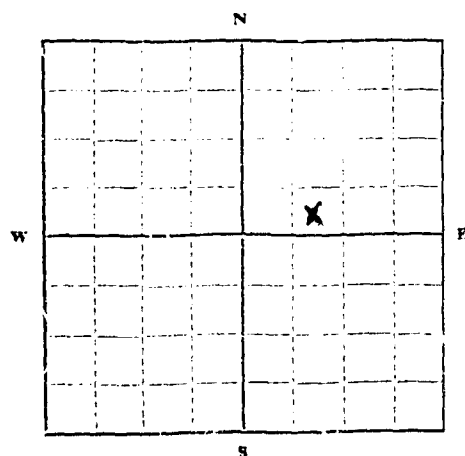
County. FE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ANNA M. SRAMEK of 524 W. Brassey St. 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 NE Sec. 27 T. 17 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.  
Domestic use and stock water
3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been. one well 1945, one well 1935  
continuous use
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute). 5 gal per minute one well,  
10 gal per minute one 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
6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal.  
pumps on both wells, one well naturally flows  
part time
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater.  
Approximately 1935, and 1945
8. The depth of water table. 20 feet, 6 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater. 30 feet, 11 feet  
both brick lined wells, 6 foot diameter, when natural flows to reservoir
10. The estimated amount of groundwater withdrawn each year. supply all domestic use and livestock
11. The log of formations encountered in the drilling of each well if available. dug well— 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.  
two dug wells near ranch buildings used to supply domestic and stock water

Signature of Owner

Anna M. Sramek

Date. December 19, 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.

16930

COPY

State of Kentucky, Inc.  
County of [illegible]

DEC 19 1963

1:55

19

May Rathner  
County Clerk and Recorder

\$200-*pt*

File No. 17625

DUPLICATE

T. 17 R. 18

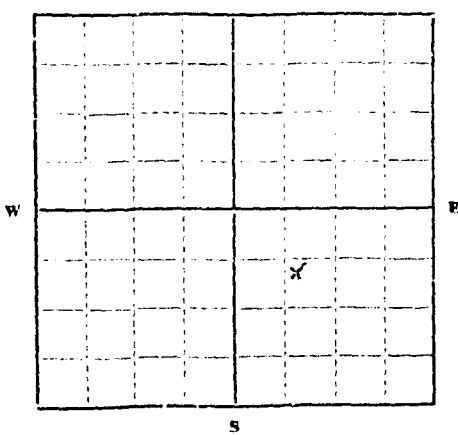
County. FERDUS

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. EMMA VANEK ESTATE of RR 3 LEWISTOWN  
(Name of Appropriator) (Address) (Town)  
County of FERDUS State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 SE Sec. 28, T. 17, 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  
+ IRRIGATION  
3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been. STOCK - 1910 - WINTER  
IRRIGATION - 1960 SEASONAL  
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute). 8 g.p.m.  
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  
NE 1/4 SE 1/4 Sec. 28, T. 17, R. 18  
EMMA VANEK ESTATE  
6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal.  
SELF FLOWING

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater. Nov. 1939  
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. TANK STORAGE 4' x 4' x 30'  
EXCAVATION, 10 x 6 x 35  
10. The estimated amount of groundwater withdrawn each year. 10500 gal Daily  
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

Emma Vanek Estate  
By Stanley Vanek  
Date Dec. 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.

17675

COPY

State of Montana,  
County of Flathead, ss.

Filed Dec 10 1919

at 2:00 o'clock P.M.

W. W. RATHBUN  
County Clerk and Recorder

File No. 17314

T R

DUPLICATE

County

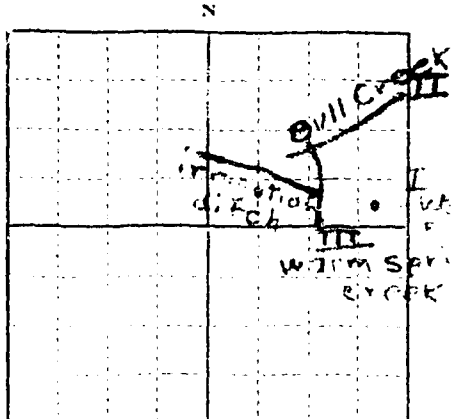
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Charles W. Foster, of Helena, Montana  
(Name of Appropriator) (Address) (Town)

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



I NE 1/4 Sec. 29 T. 17 R. 18  
II Bull Creek NE 1/4 NE 1/4 Sec. 29 T. 17 R. 18  
III SW 1/4 NE 1/4 Sec. 29 T. 17 R. 18  
Indicate point of appropriation and place of use, if possible. Each small square represents 40 acres.

I Human + Livestock  
II Human + Livestock  
III Human + Livestock  
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 Since land was settled-cont.  
III Since land was settled-cont.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gallons per minute  
III 100 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
I No  
II 20 acres - all acreage lying between ditch + main creek  
III 20 acres - all acreage lying between ditch + main creek

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910  
II 1910  
III 1910

8. The depth of water table 20 ft.  
II surface water  
III surface water

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  
I 28 ft. deep, 3 ft. diameter  
II surface water  
III surface water

10. The estimated amount of groundwater withdrawn each year 200,000 gallons  
II 5,256,000  
III 5,256,000

11. The log of formations encountered in the drilling of each well if available  
I not avail.  
II not avail.  
III not avail.

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 Charles W. Foster  
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.

17314

RECEIVED COPY  
DEC 20 1963  
2:15 P.M.  
May 1964  
200-200



RECEIVED

County Fergus

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

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

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 Dean Burnham  
Address Rte. Three, Lewistown, Montana  
Date well started 3 -- 5 -- 68  
completed 3 -- 8 -- 68

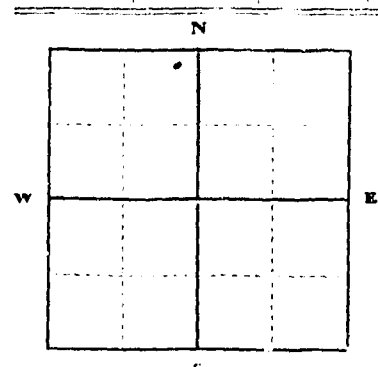
For Administrator's Use  
File 44033  
GW 1

Type of well Drilled  
(Dug, driven, bored or drilled)  
Equipment used Cable Tools  
(Chain drill, rotary or other)  
Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6"	4 1/2" OD 6 3/4" Galv.	+ 2	56	Kind Size Toroh Cut Slots From (Feet) 40 To (Feet) 56



Static water level 7 ft.\*  
Pumping water level 31 ft.\*  
at approx. 30 gallons per minute,  
measured 60 minutes after pumping began.  
\*Measured from ground level.  
Well developed by Ballier  
for 2 hours.  
Power          Pump          HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

NE 1/4, NW 1/4, Sec. 30  
T. 17 N. R. 18 E.  
RESOURCES NEW CONSERVATION

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

Driller's Signature Ray H. H. H.  
Driller's Address Lewistown, Montana

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	6	Yellow Sandy Soil
6	10	Broken Sandy Limestone
10	30	Sticky yellow clay with thin layers of sandy lime
30	45	Black silty shale with layers of hard black lime
45	50	Gray shale and sandstone. Contains water.
50	56	Light gray shale and Bentonite
56		Bottom

41100

State of Montana, )  
County of Fergus ) ss.  
Filed DEC 22 1971 19  
at 2:00 o'clock P. M.  
*Wm. R. Kethum*  
County Clerk and Recorder  
E. J. J.

T. \_\_\_\_\_ R. \_\_\_\_\_

County \_\_\_\_\_

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Thos. W. Foster Address Ap. 2 - 9 - 1st St.

Driller Franklin W. King Address Roy

Date Started 7-14 Date Completed 8-15

Location: Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ 1/4 sec. \_\_\_\_\_

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

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

Casing: 6 1/2 ft. to \_\_\_\_\_ ft. Type 7.8 Size 4 1/2 O.D.

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

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

Perforated or Screened: Ft. 18 to ft. 45 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Slotted

Static Water level, for non-flowing well: 14 feet.

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

Pumping water level: 30 feet at 6 gal. per min.

How tested: Pumped

Length of test: 10 Hrs.

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

Shut-off packed at 12'

(over)

### Log of Well

[illegible]

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