

G7

18

File No.

T. 37^N R. 33^E

DUPLICATE

County

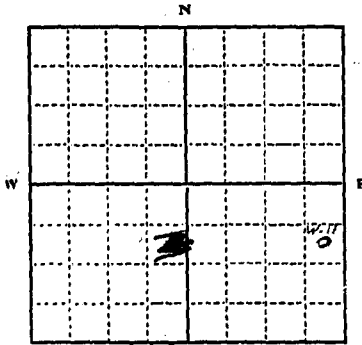
Phillips
RECEIVED
JAN 10 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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



1/4 Sec. 18 T. 37 R. 33

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

2. The beneficial use on which the claim is based. House and stock irrigate garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1927 continuous

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. 1/4 acre garden at well same owner

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. 1927

8. The depth of water table. 40 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; 3 ft diameter, 59 ft deep.

10. The estimated amount of groundwater withdrawn each year. 1,000,000 gallons 1/4 acre

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 Patrick Corey

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.

29311

Misc. 16011

237039

Phillips Co.

Filed 12-31-63

at 10:44 A.M.

Fee \$2.00

R. V. Maloney
Clerk & Recorder

GW

24

File No.

T. 36 R. 27

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

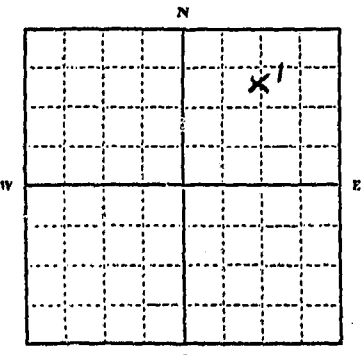
RECEIVED
AUG 28 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Gerald C. Maloney, Also known as Jerry C. Maloney
(Name of Appropriator) of Harling (Address) (Town)
County of Phillips State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW 1/4 24 36 R. 27

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

F.W.

- 2. The beneficial use on which the claim is based Domestic and Stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1889; Continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gal per Min (eight)
- 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 & yard
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal developed free flowing spring
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1889
- 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 Steel casing 4 1/2 ft diameter; 8 ft deep
- 10. The estimated amount of groundwater withdrawn each year 4,194,800
- 11. The log of formations encountered in the drilling of each well if available gravel all the way
- 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 Gerald C. Maloney

Date August 27, 1963

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

Please answer all questions. If not applicable, 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.

5590

Misc # 15421



235356

1963 AUG 11 11:15 AM

State of Montana, } ss.
 County of Phillips, }
 Filed for Record this 27 day
 of Aug A. D. 1963 at 11:15
 o'clock AM, and duly Recorded in book
 Page
Rosalind Matoney County Recorder
 By
 Fee \$2.00
 Returns

T. 36 R. 27 31

County Phillips

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUL 2 1957
STATE ENGINEER

WATER WELL LOG

Owner Lee Staples Address Turner, Montana

Driller R. M. Black Address Chinoock, Montana

Date Started July 17, 1957 Date Completed July 20, 1957

Location: Sec. 31 T. 36 R. 27 ¼ sec. NEW

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other: _____

Casing: 1 ft. to 43 ft. Type Steel Size 7"

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

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

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

Type of screen or perforations _____

Static Water level, for non-flowing well: 33 feet.

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

Pumping water level: 10 feet at 15 gal. per min

How tested: Bailing

Length of test: 5 minutes

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

(over)

File No. _____

T. 36^N R. 28^E

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

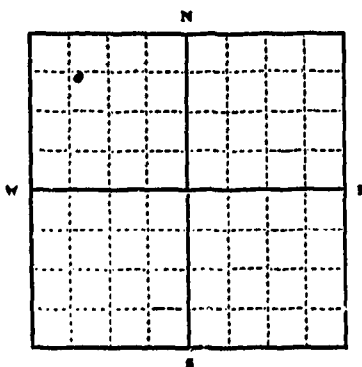
RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Frederick Shabofsky (Name of Appropriator) Box 8 (Address) Loring (Town)
County of Phillips State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 4 T. 36 R. 28
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
Household
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct 1, 1960
continuous well
- 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 None
- 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 July 6, 1960 Completed July 16, 1960
- 8. The depth of water table 195'
- 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 3/8" steel casing 304 ft.
- 10. The estimated amount of groundwater withdrawn each year 300,000 gals.
- 11. The log of formations encountered in the drilling of each well if available 0-3 Top soil
3-34 sand & gravel 34-370 shale; 370-380 soft sandstone with water 380-384 sandy shale
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Frederick Shabofsky
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.

Miss. # 15910
236938

Filed Dec. 31, 1963.

at 9:09 A. M.

Fee \$ 2.00

R. V. Maloney
Clerk & Rec.

RECEIVED

STATE ENGINEER

JUL 20 1960

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 36 R. 28E H

County Phillips

WATER WELL LOG

Owner: Alfred J. Grady, Jr. Address: Loring, Mont

Driller: Arvid Dyrdahl Address: Malta, Mont

Date Started: July 6 - 1960 Date Completed: July 16 - 1960

Location: Sec. 4 T. 36 R. 28 1/4 sec. NW

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: 0 ft. to 364 ft. Type: water well Size: 4 5/8

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

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

Perforated or Screened: Ft. 263 to ft. 364 Ft. _____ to ft. _____

Type of screen or perforations: Slotted with torch

Static Water level, for non-flowing well: 195 feet.

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

Pumping water level: 225 feet at 10 gal. per min.

How tested: Bailor

Length of test: 2 Hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Packer installed at 263'

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	3	Top Soil
3	34	Sand & Gravel
34	270	Shale
276	286	Soft sandstone with water
280	304	Sandy Shale

228414 *copy*

Min: 15012

State of Montana,
County of Phillips, } ss.

Filed for Record this 18 day
of July A. D. 1909 at 2:00
o'clock P. M. and duly recorded in book

By: _____ Recorder
Fee: 1.00
Return: _____

Walter Phillips

Or.

MONTANA WATER RESOURCES BOARD
RECEIVED
AUG 28 1967

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

File No. _____
DUPLICATE

T. 36 R. 28
County Phillips

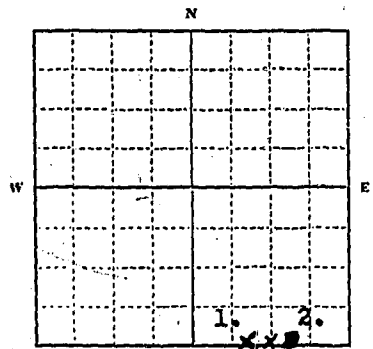
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Henry Wiese, of Loring
(Name of Appropriator) (Address) (Town)

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



1. SWSE 4-36-28
2. SESE 4-36-28
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... 1. Stock
2. Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1. 1914 2. 1946

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1. 20 gal. 2. 20 gal.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... 1. Centrifugal and also pump jack, both run with gasoline engine, 2. Hand pump and gasoline motor.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1. July, 1914, begun and completed same month. 2. Sept. 1946, " " " "

8. The depth of water table. 1. 5' 2. 5'

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. Hand dug, plank casing, 11' deep, 2. Hand dug, plank casing, 111' deep.

10. The estimated amount of groundwater withdrawn each year. 1. 200,000 gal., 2. 100,000 gal./

11. The log of formations encountered in the drilling of each well if available. 1. 5' alkali, 6' sand. 2. Same

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 Henry Wiese
Date August 25, 1967

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.

42,227

Miss # 16457

246220

State of Montana, }
County of Phillips, }

Filed for Record this 25 day
of Aug A. D. 1926 at 11:32
o'clock A.M. and duly filed in book

Pages 1 of 1
Rosalind Maloney
County Recorder

By.....
Fee..... 2.00.....
Return.....

File No. _____

T. 36^N R. 28^S
RECEIVED
Phillips
APR 6 1964

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner JACOB GRABOFSKY Address LORING, MONTANA

Driller SIMPSON DRILLING CO. Address MALTA, MONTANA

Date of Notice of appropriation of ground water _____

Date well started Feb 3, 1964 Date Completed March 3, 1964

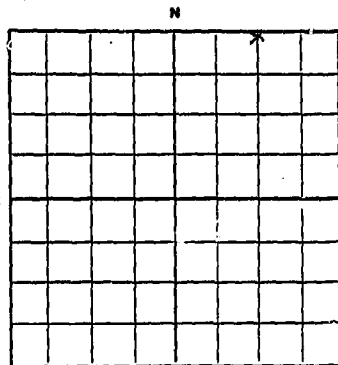
Type of well drilled Equipment used churn
(dug, driven, bored or drilled) Churn, drill, rotary or other

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.

0	Top of Ground	(Elev. above sea level _____)
3	3	brown clay
3	7	gravel & brown clay
7	27	sandy brown clay
27	285	sandy grey shale
285	306	grey sandstone

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind and Size	From (Feet)	To (Feet)
6 1/2"	5" 14.5 lb	0	295	3/16 holes	280	295



NE 1/4 NE Sec 5 T36 R28
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well 195 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 280 feet at 8 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested bailler

Length of Test 2 hours

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)

2 rubber packers placed above perforations

Driller's License Number 15

Robert C. Simpson
Driller's Signature

Show exact depth of bottom.

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

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

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

35550

Miss # 16164

237912
237912

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

Filed for Record this 3 day
of April A. D. 1964 at 2:25
o'clock P.M. and duly Recorded in book

Page of
Rosalind M. Maloney, Clerk

By
Fee \$ 2.00

Return.....

How Surveyed and how many acres

File No.

T. **36N R28 E**

DUPLICATE

County **Phillips**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

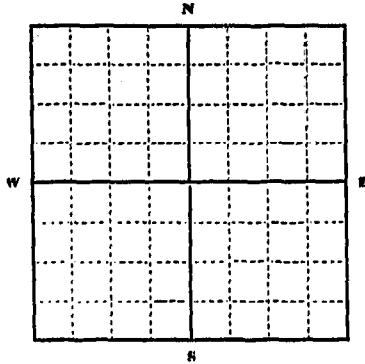
RECEIVED
JAN 10 1967

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, **Jacob Grabofsky**, of **Loring**,
(Name of Appropriator) (Address) (Town)
County of **Phillips** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 5 T 36N R 28E

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 & domestic**
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1958**
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) **8 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 **garden**
- 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 **1958**
- 8. The depth of water table **9 feet**
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **hand dug 6' x 6' diameter, 16 feet deep**
- 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 **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 *Jacob Grabofsky*
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.

29182

Misc. #15882

236919

Filed Dec. 31, 1963

at 8:47 A.M.

Fee \$ 2.00

R. J. Maloney

Clerk & Recorder

File No. 980-9-1965

T. 36 R. 28

DUPLICATE _____
 But _____
 Coy. _____
 Darlington _____
 Dickert _____

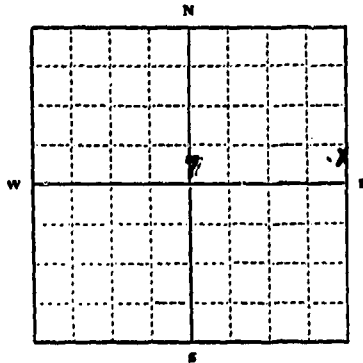
McDermott _____
 McNulty _____
 Morton _____
 Sullivan _____
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County Phillips

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, A. M. Granlund, of Loring,
 (Name of Appropriator) (Address) (Town)
 County of Phillips State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 NE Sec. 7, T. 36, R. 28

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

2. The beneficial use on which the claim is based
Domestic & Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1925 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
5 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
None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1925-1925

8. The depth of water table
13 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Hand Dug 8 x 4 Wooden 15 feet

10. The estimated amount of groundwater withdrawn each year
36,000 gallons

11. The log of formations encountered in the drilling of each well if available
0-13 Clay
13-15 Gravel

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

Signature of Owner A. M. Granlund

Date Dec. 8, 1965

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.

39977

Misc # 16292

241901

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

Filed for Record this 8 day
of Dec A. D. 1951 at 1:00
o'clock P. M, and duly Recorded in book
..... of
By Rosalind M. Melroy Recorder
Fee. 2.00
Return:

File No. _____
DUPLICATE MONTANA WATER RESOURCES BOARD

T 36 R 28
County Phillips

RECEIVED

AUG 28 1967
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Henry Wiese, of Loring,
(Name of Appropriator) (Address) (Town)
County of Phillips, State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. NENE 9-36-28.
2. NENE 9-36-28.
1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based 1. Domestic and stock. 2. Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1. 1948; 2. 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1. 20 gal. 2. 30 gal. per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 2. 1/4 acre garden in NENE Sec. 9-36-28

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1. Electric pump 2. Portable gasoline pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1. begun and completed in Sept. 1948. 2. begun and completed in June 1961

8. The depth of water table 1. 6', 2. 4'

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. Hand dug, plank casing, 4' x 4', 2. Hand dug, plank casing, 4' x 6', 1. 12 ft. deep 2. 10 ft. deep

10. The estimated amount of groundwater withdrawn each year 1. 100,000 gallons 2. 200,000 gal.

11. The log of formations encountered in the drilling of each well if available 1. 6' alkali ground, 6' sand. 2. Sand all the way.

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 Henry Wiese
Date August 25, 1967

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.

42,235

Tran # 16456

246219

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

Filed for Record this 25 day
of Aug A. D. 1967 at 11:31
o'clock A. M. and duly recorded in book

By *Ronald Melroy* County Recorder

By

Fee 2.00

Returns

10

T. 36 N R 28 E

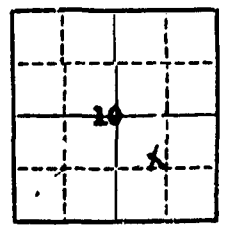
County Phillips

RECEIVED
AUG 17 1959

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG



Owner U. S. A. Address

Driller Henry & Fred Wiess Address Loring, Montana

Date Started August 1, 1959 Date Completed August 1, 1959

Location: Sec. 10 T. 36 R. 28 1/4 sec. 28 SENWSE

Type of well dug Equipment used shovel
(Dug, driven, bored, or drilled) (Chain drill, rotary, other)

Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other: _____

Casing: 0 ft. to 7 ft. Type Wood Size 4" X 6"

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

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

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

Type of screen or perforations _____

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

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

Pumping water level: _____ feet at _____ gal. per min.

How tested: Dry hole when dug. Filled to the depth of 4 feet in 24 hours.

Length of test: 24 hours

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	3	Blue clay
3	6	Blue clay mixed with sand
6	7	Sand

Well # 14912

223287

State of Montana, } ss.
 County of Phillips,
 Filed for Record this *15th* day
 of *May*, A. D. 19*57* at *2:00*
 o'clock, P. M. and duly Recorded in book
 of
Frank J. Gering
 County Recorder
 Fee *1.00*
 Return:

File No. _____

DUPLICATE

SECTION No 4

RECEIVED
MAY 20 1964

T. 36^N 28^E 10
County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

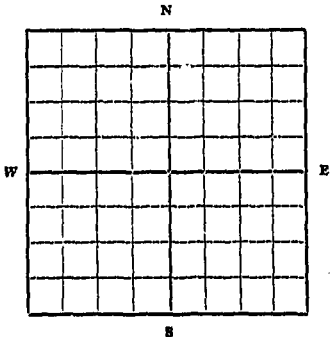
RECEIVED
JAN 10 1964

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

STATE ENGINEER

1. Fred C. Wiese, of Loring, (Name of Appropriator) (Address) (Town)
County of Phillips State of Montana

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



Section 4, Sec. 10, T. 36, R. 28
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based, Domestic and stock; irrigate garden.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1949, continuous to replace well dug in 1910.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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 1/4 acre, gravel area, and pump.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1949.

8. The depth of water table 3 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, 4' x 4', wood 2 x 12 casing; 12 ft deep.

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 sand all way.

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 Fred C. Wiese
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.

Trce. 15985

237013

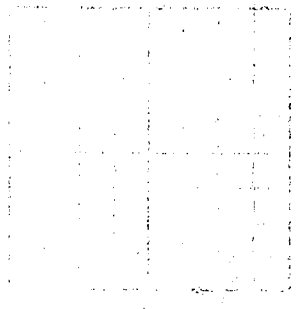
Phillips Co.

Filed 12-31-63

at 10:22 A.M.

Fee \$ 2.00

R. V. Maloney
Clerk & Recorder



DEPARTMENT OF REVENUE
STATE OF MISSISSIPPI
RECORDS AND CLERK
JAN 1 1964
RECEIVED
OFFICE OF THE CLERK AND RECORDER
STATE OF MISSISSIPPI
JAN 1 1964
RECORDS AND CLERK

23

File No.

T. 36 N. R. 28 E.

DUPLICATE

County Phillips

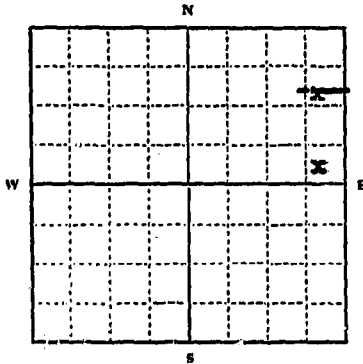
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1963

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

1. Watkins Ranch of Loring
(Name of Appropriator) (Address) (Town)

County of Phillips 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... Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1957 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons 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... windmill and pump

SESE 1/4 NE Sec. 23, T. 36 R. 28

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... July 5, 1957 July 7 1957

8. The depth of water table... 8 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, 5 ft. square, wood casing 12 ft. deep

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... 0-3 Clay and sand, 3-6 sand and gravel, 6-12 water bearing sand and gravel

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

Signature of Owner D. Watkins

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.

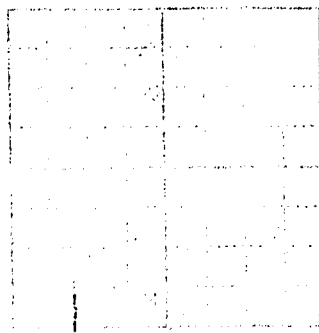
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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.

29128

Misc # 15828

236806



Filed: Dec 30, 1963
at: 3:57 P.M.
File # 2.00

Rosalind Maloney
Clerk + Recorder

DO NOT WRITE IN THESE SPACES
UNLESS YOU ARE AN OFFICIAL
OF THE COURT. IT IS THE POLICY
OF THE COURT TO MAINTAIN
THE RECORDS OF THE COURT
IN THE MOST ACCURATE MANNER
AND TO PRESERVE THEM FOR
THE BENEFIT OF THE PUBLIC.

RECORDED & INDEXED
DEC 30 1963
COURT CLERK

Service
ON 40 FORESTLAND-LEASED

T. 36 R. 28 23
County Phillips

RECEIVED
MAR 20 1958

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAY 13 1958
Montana Bureau of
Mines and Geology

WATER WELL LOG

STATE ENGINEER

		X	

Owner Watkins Hereford Ranch Address LORING

Driller Self Dug Address _____

Date Started July 5 - 1957 Date Completed July 7

Location: Sec 23 T. 36 R. 28 1/4 sec. SE NE

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: Wood ft. to 12 ft. Type Wood Size 6x6 ft

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

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

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

Type of screen or perforations _____

Static Water level, for non-flowing well: 8 ft feet.

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

Pumping water level: 10 feet at 15 gal. per min.

How tested: Rotary Pump

Length of test: 1 Hour

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	3 ft	CLAY & SAND
3 ft	6 ft	SAND & GRAVEL
6 ft	12 ft	WATER BEARING SAND & GRAVEL

Misc # 14740

218009

State of Montana, ss.
 County of Phillips,
 Filed for Record this 17th day
 of March, D. 1958 at 2:55
 o'clock P.M. and duly Recorded in book
 _____ of _____
 County Recorder

 Fee _____
 Return: _____

ON L. U. FOREST SER 22 LAND
 LEASED FOR PASTURE
 SPECIAL PERMIT

25

T. 36 R. 28
 County Phillips

RECEIVED

MONTANA BUREAU OF MINES AND GEOLOGY
 Butte, Montana

STATE ENGINEER
 WATER WELL LOG

REC-1000
 MAR 10 1958
 Montana Bureau of
 Mines and Geology

		X

Owner Whitkins Hecford Ranch Address Laramie

Driller SELF DUG Address _____

Date Started MAY 10 1948 Date Completed MAY 15

Location: Sec. 35 T. 36 R. 28 1/4 sec. NE-NE

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

Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other: _____

Casing: _____ ft. to _____ ft. Type wood Size 8x8

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

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

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

Type of screen or perforations _____

Static water level, for non-flowing well: 8 feet.

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

Pumping water level 11 feet at 15 gal. per min.

How tested: Rotary Pump

Length of test: 1 HOUR

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	3	CLAY
3	6	CLAY & SAND
6	8	SAND & GRAVEL
8	12	WATER BEARING SAND & GRAVEL

218007

Mace # 14738

State of Montana,
County of Phillips, ss.
Filed for Record this 12th day
of March, A. D. 1958 at 8:35
o'clock P. M. and duly recorded in book
Page of
By Joseph J. Judgo County Recorder.
Fee
Return.....

25

File No. _____

T. 36 N. R. 28 E

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1963

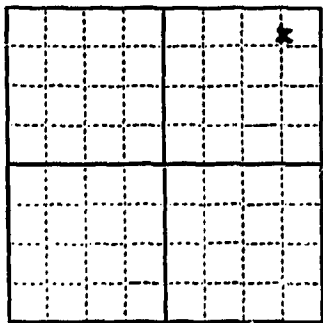
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Watkins Ranch of Loring
(Name of Appropriator) (Address) (Town)

County of Phillips 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 Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons 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 gas engine & pump

NE 1/4 NE Sec. 25 T. 36 R. 28

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 10, 1948 - May 15, 1948

8. The depth of water table 8 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 8 ft. by 8 ft. wood casing, 16 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 0-3 clay, 3-6 clay & sand, 6-8 sand & gravel 8-12 water bearing sand and gravel

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

Signature of Owner [Signature]

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.

29126

Misc # 15826

236804

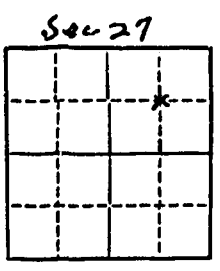
Filed: Dec 30, 1963
At: 3:55 P.M.
Fee # 2, 00

Rosalind H. Murray
Clerk & Recorder

T. 36 R. 28 27
County Phillips

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner Watkins Ranch Address Ecotling
Driller Carl Palm Address Saco
Date Started 7/14/58 Date Completed 7/16/58
Location: Sec. 27 T. 36 R. 28 1/4 sec. NE 1/4

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other: _____

Casing: 7.5 ft. to 110 ft. Type 4 1/2 LB STEEL Size 4 1/2 I.D.
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

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

Type of screen or perforations: _____

Static Water level, for non-flowing well: 78 feet.

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

Pumping water level: 105 feet at 8 gal. per min.

How tested: light raised per min.

Length of test: 2 hr.

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

(over)

GW

File No. _____

DUPLICATE

SECTION No 7

RECEIVED
MAY 20 1964

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

T. 36 N. R. 28 E. 27

County Phillips

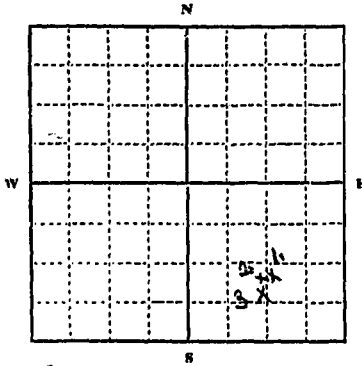
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

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

1. Watkins Ranch, of Loring
(Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec 27 T. 36 R. 28

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. 1. Stock
2. Domestic 3. Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1. 1910 continuous, 2. 1945 continuously, 3. 1958 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1. 3 gallons per min. 2. 3 gallons per min. 3. 8 gallons 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. 3. 1/2 acre

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 1. electric motor and pump, 2. electric pump jet, 3. Electric submersible pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1. 1910, 2. Fall 1945, 3. 7-14-58 7-16-58

8. The depth of water table. 1. 32 ft. deep, 2. 32 ft. 3. 78 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 1. hand dug, 24 in. chert casing, 40 ft. deep. 2. Drilled, 6 in. steel casing, 40 ft. deep. 3. Drilled 6-4 1/2 in. steel casing, 110 ft. deep.

10. The estimated amount of groundwater withdrawn each year. 1. 80,000 gallons, 2. 80,000 gallons 3. 700,000 gallons

11. The log of formations encountered in the drilling of each well if available. 1. and 2. UNKNOWN
2. 0-2 top soil, 2-38 sandy yellow clay, 38-40 gravel
3. 0-2 top soil, 2-38 sandy yellow clay, 38-39 gravel, 39-105 sandy blue clay, 105-110 sandstone, 110-113 Rock, 113-125 sandstone and water

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

Signature of Owner [Signature]
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.

29130

Misc # 15820

236808

Filed: Dec. 30, 1963
at: 3:59 P.M.
Fee \$ 2.00

Rosalene W. Maloney
Clerk & Recorder

[Faint, mostly illegible text and markings at the top of the page, possibly bleed-through from the reverse side.]

Misc 16867
255657

STATE OF MONTANA
 County of Phillips

Filed for Record this *17th* day of *July* 19*12* at *1:30*

By *[Signature]* Recorder

By *[Signature]* Recorder

By *[Signature]* Return

[Faint text at the bottom right, possibly a stamp or additional filing information.]

30

File No. _____

T. 36 R 28

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

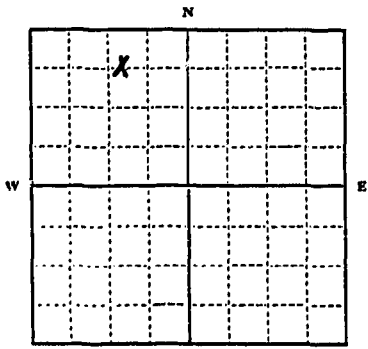
RECEIVED
AUG 28 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Gerald C. Maloney Also known as Jerry C. Maloney
(Name of Appropriator) of (Address) Loring (Town)
County of Phillips State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NWNE1/4 Sec. 30 T36 R28

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

2. The beneficial use on which the claim is based... Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1900 Continuous

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... spring of 1900

8. The depth of water table... 6 ft.

9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater... hand dug; 2 1/2 ft diameter; 12 ft deep

10. The estimated amount of groundwater withdrawn each year... 2,097,400.

11. The log of formations encountered in the drilling of each well if available... 9 ft clay; 3 ft gravel

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

Signature of Owner Jerry C. Maloney
Date August 27, 1963

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

Please answer all questions. If not applicable, 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.

Misc # 15422

235357

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

Filed for Record this 27 day
of Aug A. D. 1963 at 11:20
o'clock A.M. and duly Recorded in book
of ..
Rosalind Meloy
County Recorder
By ..
Fee 2.00
Return: ..

RECORDED
INDEXED

31

File No. _____

T 36 N R 28

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

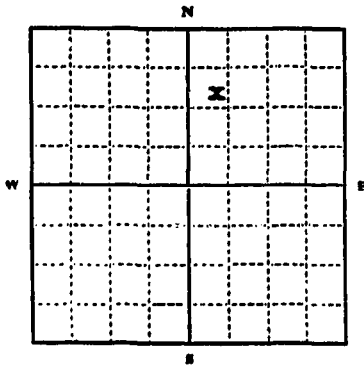
RECEIVED
JAN 10 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Watkins Ranch of Loring
(Name of Appropriator) (Address) (Town)
County of Phillips 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 Stock

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

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 and pump

NW 1/4 NE Sec. 31 T. 36 R. 28

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

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

8. The depth of water table 158 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, 6 in. casing steel, 198 ft. deep

10. The estimated amount of groundwater withdrawn each year 300,000 gallons

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

Signature of Owner [Signature]

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.

29,25

Miss # 15825

236803

Filed: Dec. 30, 1963
at: 3:50 P.M.
Fee \$ 2.00

Rosalind Matney
Clerk & Recorder

RECEIVED
DEC 30 1963
COURT CLERK'S OFFICE
COUNTY OF LOS ANGELES
CALIFORNIA

THIS RECEIPT IS VALID ONLY IF SIGNED BY THE CLERK OF THE COURT.
IT IS VOID IF SIGNED BY ANY OTHER PERSON.
COUNTY OF LOS ANGELES, CALIFORNIA

83

File No. _____

T 36 R 28

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

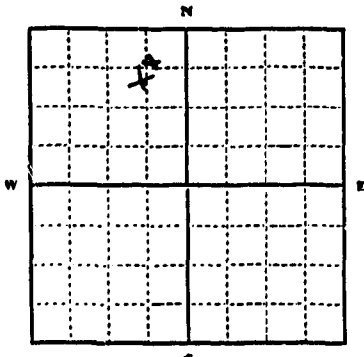
RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Wm J. Graczyk, of Forting
(Name of Appropriator) (Address) (Town)

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



N E N W
1/4 Sec. 33, T36 R.28

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 garden irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1, 1947 well no. 1
Continuous well no. 2

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1, 1947 well no. 1
1948 well no. 2

8. The depth of water table 17.8 ft well no. 1 22 ft well no. 2

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater well no. 1 drilled 6 in hole 198 ft
well no. 2 dug 14 in x 22 ft deep

10. The estimated amount of groundwater withdrawn each year 365000

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 Wm J. Graczyk

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.

29159

Misc # 15859

236887

Filed: Dec. 31, 1963
At: 8:18 A.M.
Fee # 2.00

Rosalind Maloney
Clerk & Recorder

MA
RECEIVED
DEC 31 1963
COURT HOUSE
MILWAUKEE, WIS.

RECEIVED

County Phillips
35

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

JUL 17 1972

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 Watkins Ranch

Address Loring, Mont

For Administrator's Use	
File #	<u>#16363, 355258</u>
Date	<u>July 14, 1972 1:35pm</u>
GW 1	

Date well started 6-19-72

completed 6-20-72

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used _____
(Chest drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

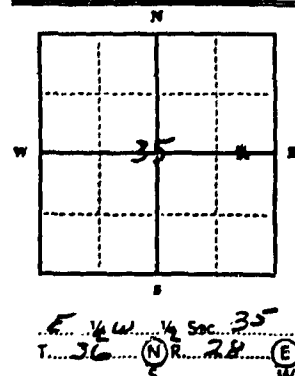
Industrial Drainage Other Garden/Lawn

*Describe _____

USF: 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 180,000

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
<u>7 7/8"</u>	<u>21 ft</u>	<u>Top</u>	<u>75'</u>	<u>1/4"</u>	<u>65</u>	<u>75</u>
<u>6 3/8"</u>	<u>60 ft</u>			<u>5/16"</u>		
<u>5 1/2"</u>	<u>9 1/2" Plastic Lin</u>					



Static water level 45 ft.*
Pumping water level 50 ft.*
at 1.2 gallons per minute,
measured _____ minutes after pumping
began.
*Measured from ground level.
Well developed by _____
for _____ hours.
Power _____ Pump _____ HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
Gravel Packing

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

Driller's Signature Richard D. Noel

Driller's Address Turner, Mont

LICENSE NO. 196

Top of Ground		(Elev. above sea level)
From (Foot)	To (Foot)	
<u>0</u>	<u>2</u>	<u>top</u>
<u>2</u>	<u>35</u>	<u>sandy clay</u>
<u>35</u>	<u>39</u>	<u>gravel</u>
<u>39</u>	<u>48</u>	<u>clay</u>
<u>48</u>	<u>57</u>	<u>sandy gravel</u>
<u>57</u>	<u>70</u>	<u>clay</u>
<u>70</u>	<u>80</u>	<u>gravel (water)</u>

45 Show exact depth of bottom:

50,937

Montana State Land Office
Butte, Montana

Section 17
Section 18
Section 19
Section 20
Section 21
Section 22
Section 23
Section 24

Section 17
Section 18
Section 19
Section 20
Section 21
Section 22
Section 23
Section 24

Section 25
Section 26
Section 27
Section 28
Section 29
Section 30
Section 31
Section 32

Section 33
Section 34
Section 35
Section 36
Section 37
Section 38
Section 39
Section 40

TOWNSHIP		RANGE		SECTION	
17	18	18	19	17	18
19	20	20	21	19	20
21	22	22	23	21	22
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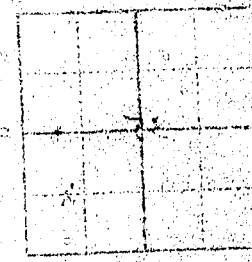
Map # 168.68
255658

STATE OF MONTANA }
County of Phillips }

Filed for Record this 14th day of July A. D. 1935 at 11:35
o'clock P.M. and duly Recorded in Book

By Angely L. Durbin
County Recorder

Fee: 7.00 Return: filed



STATE OF MONTANA
COUNTY OF PHILLIPS

File No. _____

T. 36 N. R. 29

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

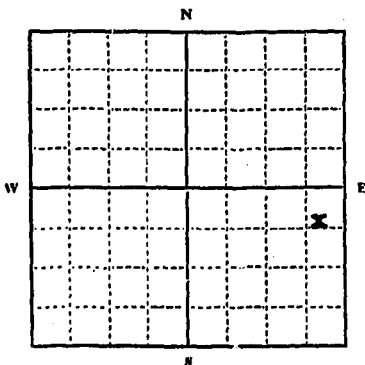
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Mary Behrman, of Loring
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec. 5, T. 36, R. 29

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 Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
About 1928

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
12 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
Mechanical cylinder pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
About 1923

8. The depth of water table
302 feet 253 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Drilled 4" casing (steel) 303 feet

10. The estimated amount of groundwater withdrawn each year
4,000,000 gal per year

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

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.

29229

Misc #15927

236957

Phillips Co

Filed 12-31-63

at 9:26 A.M.

See 2.00

R. V. Maloney

Att. Rec.

Mac #15929

236957

Phillips Co

Dated 12-31-68

at 9 26 AM

Dec 31 1968

R. V. Maloney

Rec.

Vertical text on the left edge of the document, possibly a date stamp or reference number.

Vertical text on the right side of the document, possibly a date stamp or reference number.

Vertical text on the right side of the document, possibly a date stamp or reference number.

Vertical text on the right side of the document, possibly a date stamp or reference number.

Vertical text on the right side of the document, possibly a date stamp or reference number.

Vertical text on the far right edge of the document, possibly a date stamp or reference number.

File No. _____

T 36 R 29

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 8 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

- Top of Ground (Fixed above sea level _____)
- 0 5 gravel & brown clay
- 3 43 sandy brown clay
- 43 58 sand & blue clay
- 58 85 sandy brown clay
- 85 95 blue clay
- 95 125 hard pan
- 125 139 sandy tan clay
- 139 185 grey shale
- 185 186 rock layer
- 186 200 shaley sandstone
- 200 250 grey shale
- 250 251 rock layer
- 251 275 grey shale
- 275 water level
- 275 330 shaley grey sandstone

Owner Delmer Dyrdahl Address Loring, Montana

Driller Simpson Drilling Co Address Malta, Montana

Date of Notice of appropriation of ground water _____

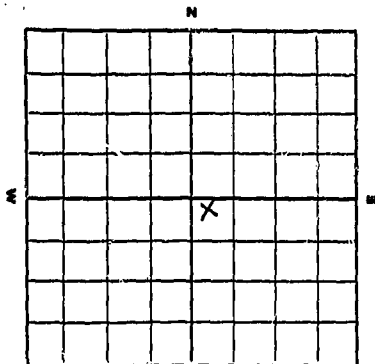
Date well started May 26, 1964 Date Completed June 4, 1964

Type of well drilled Equipment used skura
(dug, driven, bored or Churn, drill, rotary or drilled) 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 Site	From (Feet)	To (Feet)
6 1/2	5 1/2 O.D. 15 #	0	330	4 holes	284	330



NW corner $\frac{1}{4}$ Sec 5 T36 R29
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 275 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 320 feet
at 6 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested bailer

Length of Test one hour

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)

gravel packed on outside
put bentonite on top of gravel

35
Driller's License Number

Robert Simpson
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 Appropriator.

38158

Misc # 16180

238354

State of Montana, }
County of Phillips, }

Filed for Record this 5 day
of June A. D. 1964 at 11:15
o'clock P. M. and duly Recorded in book

Rosalene M. Meloy
Recorder

Fee \$ 2.00

Returns.....

How Recorded and how Recorded

On L. U. Forest Service Land
Leased for Pasture

36 29 19
County Phillips

RECEIVED
MAR 21 1958

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAR 19 1958
Montana Bureau of
Mines & Geology

STATE ENGINEER WATER WELL LOG
WALKINS HEREFORD RANCH

X		

Owner: *Walkins Hereford Ranch* Address: _____
 Driller: *Self Dug* Address: _____
 Date Started: *July 16 1946* Date Completed: *July 20 1946*
 Location: Sec *19* T. *26* R. *25* 1/4 sec *S4-7E*

Type of well: *Dug* Equipment used: *Picks & Shovels*
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other: _____

Casing: _____ ft. to _____ ft. Type: *Wood* Size: *8x16 - 12 ft deep*
 Casing: _____ ft. to _____ ft. Type: _____ Size: _____
 Casing: _____ ft. to _____ ft. Type: _____ Size: _____

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

Type of screen or perforations: _____

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

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

Pumping water level: *10* feet at *10* gal. per min.

How tested: *Rotary Pump*

Length of test: _____

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

(over)

On U.S. Forest Service Land
Leased for PASTURE

36 29 19
Phillips
County

RECEIVED MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana
MAR 26 1958

RECEIVED
MAR 19 1958
Montana Bureau of
Mines & Geology

STATE ENGINEER WATER WELL LOG

x		

WALKING HORSEFORD RANCH
Williams Hundred Tract
Owner
Self-Dug
Driller
Date Started July 16 - 1946
Date Completed July 20 - 1946
Location: 36 29 19 Sec. 36 T. 29 R. 19 S.W. 7E

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other: _____

Casing: _____ ft. to _____ ft. Type Wood Size 8x16 - 12 ft deep

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

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

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

Type of screen or perforations _____

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

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

Pumping water level: 10 feet at 15 gal. per min.

How tested: Rotary Pump

Length of test: 1 HOUR

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

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	3	CLAY
3	6	CLAY & SAND
6	8	SAND & GRAVEL
8	12	WATER BEARING SAND & GRAVEL

Miner 14739

218008

State of Montana, }
 County of Phillips, }
 Filed for Record this 12th day
 of March A. D. 1928 at 9:50
 o'clock P.M. and duly Recorded in book
 of Joseph G. Gugg
 County Recorder
 Fee.....
 Return.....

19

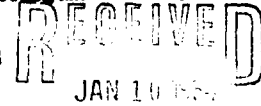
File No. _____

T. 36 N R. 29 E

DUPLICATE

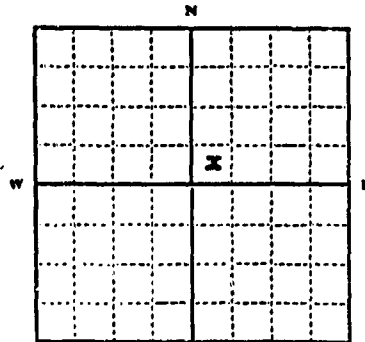
County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



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

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



SWSW

SW 1/4 NE Sec. 19 T. 36 R. 29

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

2. The beneficial use on which the claim is based... Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1946 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 15 gallons 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... windmill and pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... July 16, 1946 - July 20, 1946

8. The depth of water table... 5 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... 8 ft. by 16 ft. wood casing, 12 ft. deep.

10. The estimated amount of groundwater withdrawn each year... 250,000 gallons

11. The log of formations encountered in the drilling of each well if available... 0-3 clay, 3-6 Clay & sand, 6-8 sand & gravel, 8-12 water bearing sand and gravel

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

Signature of Owner C. Watkins

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.

29127

Miss # 15827

226805

Filed: Dec. 30, 1963
At: 3:56 P.M.
Fee \$ 2.00

Rosaline M. Maroney
Clerk & Recorder