

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County

Phillips

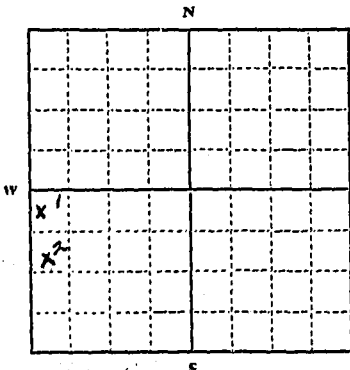
RECEIVED

JAN 10 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. William S. Waters, of Monte
(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
W
E
S
T. 29 R. 31

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 water
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been Oct. 1929 2 May 1916
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 1- 12 gal. per min.
2- 6 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 1- Pump
2- Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1- Oct. 1929 2- May 1916
8. The depth of water table 1- 40 ft. 2- 15 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- 6 in. 70 ft. deep
2- Dug 3 1/2 ft. diam 18 ft.
10. The estimated amount of groundwater withdrawn each year 1- 35,000 gallons 2- 25,000 gal.
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

William S. Waters

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.

29274

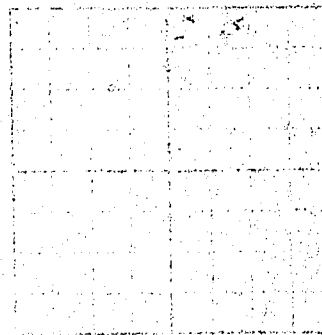
Min. 15974
237002

Phillips Co.

Filed 12-31-63
at 10:11 A.M.

\$
Fee 2.00

R. V. Maloney
Cl. & Rec.



RECEIVED
JAN 1 1964
U.S. DEPT. OF AGRICULTURE
WASHINGTON, D.C.

RECEIVED
JAN 1 1964
U.S. DEPT. OF AGRICULTURE
WASHINGTON, D.C.

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 29 N Rge. 32 E

[illegible]

File No. _____

T 29 N R 32

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

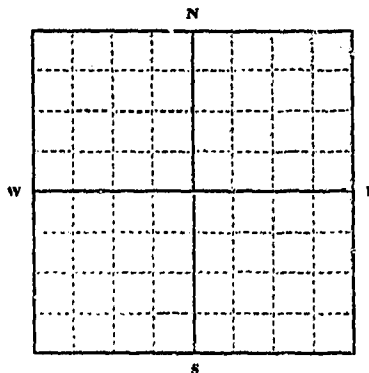
RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ingmar J. Gjersing, of Malta,
(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:



SW 1/4 Sec. 8 T. 29 N. R. 32

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

2. The beneficial use on which the claim is based Stock Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since 1945
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 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 None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump and gas engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945
8. The depth of water table 84 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, 84 feet
10. The estimated amount of groundwater withdrawn each year unknown
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

Date 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.

18657

Misc # 15755

238727

Filed: Dec. 30, 1963
at: 2:29 P.M.
Zur 2. ..

Rosalind Maloney
Clark & Boardman

File No. _____

DUPLICATE

T 29 R 32
County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

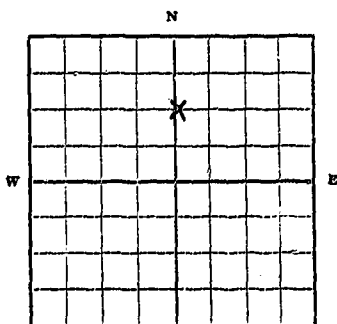
RECEIVED
DEC 9 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Christ R. Goll, of Malta
(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 NW NE

Sec. 17 T. 29 R. 32

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 about 1935
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gpm 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 ac. 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 hand 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 22 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 with auger; 4 in., iron casing; 23 ft.
10. The estimated amount of groundwater withdrawn each year 219,000
11. The log of formations encountered in the drilling of each well if available Mostly sand & 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 Christ R. Goll

Date Dec 6, 1963

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

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

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

3123

Misc # 15478

236198

State of Montana,
County of Phillips,

Filed for Record this 6 day
of Dec. A. D. 1963 at 9:00
o'clock A.M. and duly Recorded in book
Page of
Rosalind M. Maloney, order
by
Feb. 2 1964
Return.....

File No.

T 29^N R 32^E

DUPLICATE

County Phillips

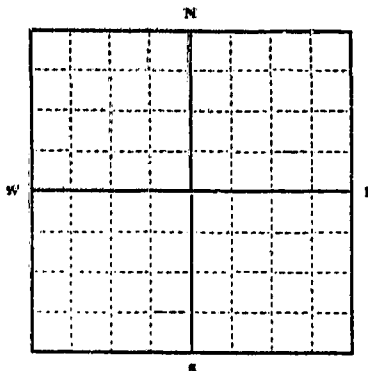
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights, L. ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Ingmar J. Gjersing, of Malta
(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:



~~SEE~~ Sec. 17. T29 R.32.

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

2. The beneficial use on which the claim is based Stock Water.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since 1931
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 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 None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump and gas engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1931
8. The depth of water table 60 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 6" casing, 60 feet deep.
10. The estimated amount of groundwater withdrawn each year unknown
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 Ingmar J. Gjersing

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.

18056

15754
15754

236726
236726

2nd. 1st. 2nd. 3rd.
1st. 2nd. 3rd.
1st. 2nd. 3rd.

Rosaline M. Meloney
J. L. M. Meloney

File No. _____

T 29 R 32

DUPLICATE

DEC 30 1969

County Phillips

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level 3120)Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1963

(Under Chapter 2, Montana Session Laws, 1961, as amended)

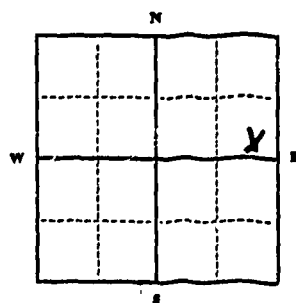
Owner Ingmar Gierasing Address MaltaDriller Carl Palm Address Saco

Date of Notice of appropriation of groundwater _____

Date well started 12-18-69 Date completed 12-23-69Type 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.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 5" | 4 1/2" ID Galv | TOP | 97' | | | |

Static Water Level for non-flowing well 57 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 22 feet
at 16 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested balancingLength of Test 1 1/2 hrs.

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

SE 1/4 NE Sec 19 T 29 R 32

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

16010

Trice #16219
250712

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

Filed for record this 24th day
of Dec. A. D. 1949 at 10:30
o'clock AM

Recorded in book
Rosalind M. Meloney
County Recorder

By *[Signature]*

Fee 2.00

Return filed

File No.

T. 29^N R. 3^E

DUPLICATE

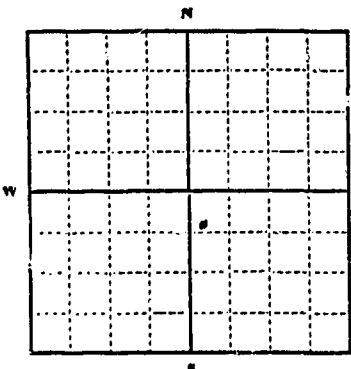
County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
JAN 2 1962
STATE ENGINEER

I, Earl Duty, of Phillips County, State of Montana,
(Name of Appropriator) (County) (State)
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 SE Sec. 21 T. 29. R. 3^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 stockwater

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been unknown
has been used for winter stockwater
during last 25 years

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

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

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

8. The depth of water table About 40 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

10. The estimated amount of groundwater withdrawn each year 500,000 g.p.m.

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

Earl Duty

Date 12-17 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.

17989

Miss # 15686

236651

Filed: Dec. 27, 1963

At: 4:25 P.M.

Fee \$2.00

Rosalind Maloney

Chick + Reader

CLIVE TUNNEY

File No. _____

T. 29^N R. 32^E

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

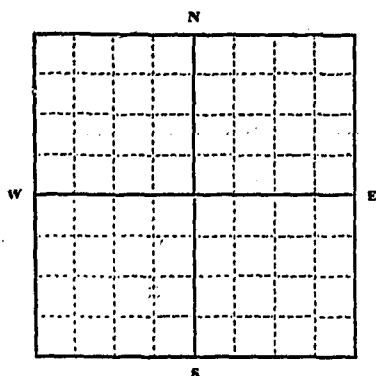
RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ingwald S. Solberg, of Malta,
(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:



SW¹/₄ NW¹/₄ Sec. 36 T. 29 R. 32

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

2. The beneficial use on which the claim is based
Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since 1953;
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 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
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Natural flow;
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater None
8. The depth of water table None
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Natural flowing Spring;
10. The estimated amount of groundwater withdrawn each year unknown
11. The log of formations encountered in the drilling of each well if available None
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

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.

29090

Misc #15788

236766

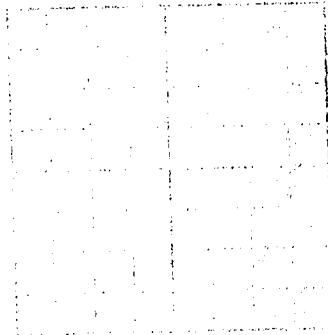
Filed: Dec 30, 1963

At: 3:13 P.M.

Fee \$ 2.00

Rosaline W. Maloney

Clerk & Recorder



RECEIVED

CLERK OF COURT

4

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 29N Rge. 33E

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File No. _____

T 29^N R 33^E

DUPLICATE

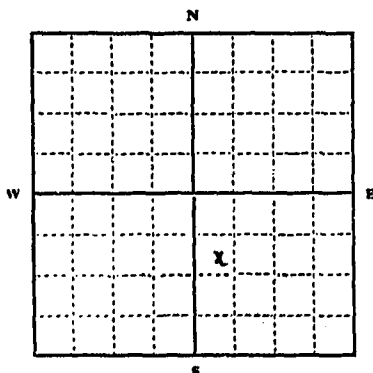
County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1963

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

1. James Salabing, of Malta
(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.W. 1/4 S.E. Sec. 4 T.29 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 stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been unknown
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 none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal flow through pipe to concrete tank
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown
8. The depth of water table flow
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 none
10. The estimated amount of groundwater withdrawn each year 86,000
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 none

Signature of Owner

James Salabing
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.

18025

15722

15722

226692

Filed: Dec. 30, 1963

7-5-67

At: 1 46 P.M.

Rosalind W. Maloney

Ch. Sec. & Admin. Sec.

15722-226692

File No. _____

T. 29^N R. 33^E

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

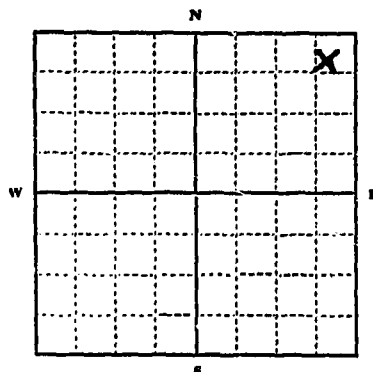
RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Margaret Funder, of Abco
(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 NE Sec. 13 T. 29 N. R. 33 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 live stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910
4. The amount of groundwater claimed (in miner's inches or gallons per minute) twenty gallons
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof _____
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1920
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 hand dug
10. The estimated amount of groundwater withdrawn each year 100,000 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

Margaret Funder

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.

29221

Min. #15921

236949

Phillips Co.

Filed 12-31-63.

at 9:18 A.M.

Fee \$2.00.

R.V. Maloney

Ch. & Rec.

NE 1/4 13 1/2 13 1/2

13 1/2 13 1/2 13 1/2 13 1/2

13 1/2 13 1/2 13 1/2 13 1/2

File No.

DUPLICATE

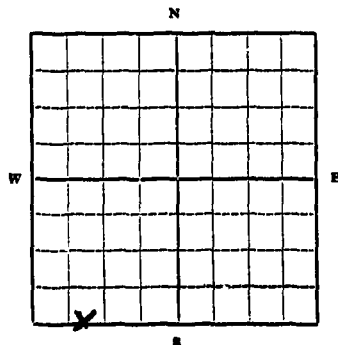
T 29^N 33^R 76
County PhillipsSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. FRANK A MARTIN of HARBORE MALTA
 (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:



SW 1/4 Sec 26 T29 R33

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 WATER
3. Date or approximate date of earliest beneficial use; and how continuous the use has been APPROXIMATELY
1914 - CONTINUOUS
4. The amount of groundwater claimed (in miner's inches or gallons per minute) APPROX. 18 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 1/4 AC. GARDEN - BY WELL
ON SW 1/4 - 26 - 29 - 33 - OWNER
FRANK MARTIN
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELKS.
MOTOR + PUMP JACK

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater ABOUT 1914
8. The depth of water table 60'
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 5" STEEL
CASEING 120' DEEP
10. The estimated amount of groundwater withdrawn each year 550,000 GALS.
11. The log of formations encountered in the drilling of each well if available NONE AVAILABLE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE

Signature of Owner

Date DEC 26 - 1963

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

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

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

13645

Misc # 15633

236588

Filed: Dec. 26, 1963

At: 2:05 P.M.

For B. A. ...

Rosalind M. Maloney
Clerk + Sec. Gen.

RECEIVED

JUN 18 1972

County Phillips 26

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 FRANK MARTIN

Address MALTA MONT

Date well started May 18, 72

completed May 31, 72

Type of well drilled

Equipment used C.H.M.C.

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

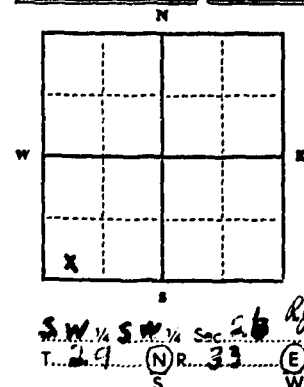
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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 |
|----------------------|---------------------------|-------------|-----------|---|
| 7 1/2" | 5 5/8" ID GALV 11 LB | Top | 190 | Kind Size From (Feet) To (Feet) Motylor welder 130 180 |



Static water level 100 ft.*
Pumping water level 162 ft.*
at 15 gallons per minute,
measured 60 minutes after pumping
began.

*Measured from ground level.
Well developed by baling
for 2 hours.

Power 2 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

SW 1/4 Sec. 33 R. 8. G. 2. S. 33
T. 29 N. 33 E.

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

Driller's Signature Robert E. Erickson

Driller's Address Malta Mont.

LICENSE NO. 220

| Top of Ground | | (Elev. above sea level) <u>2260</u> |
|---------------|-----------|-------------------------------------|
| From (Feet) | To (Feet) | |
| 0 | 16 | Brown Clay |
| 16 | 20 | Brown Sand |
| 20 | 34 | Blue Clay |
| 34 | 39 | Cap Rock |
| 39 | 75 | Blue Clay |
| 75 | 95 | Sand Stone |
| 95 | 100 | Blue Clay |
| 100 | 110 | Sand Stone Water |
| 110 | 120 | Brown Clay |
| 120 | 142 | Sand Stone Water |
| 142 | 153 | Blue Clay |
| 153 | 168 | Sand Stone Water |
| 168 | 169 | Cap Rock |
| 169 | 185 | Sand Stone Water |
| 185 | 190 | Blue Clay |

190 Show exact depth of bottom

50,621

255477

Miss
16865

STATE OF MONTANA }
County of Phillips

Filed for Record this 25th day of

June A. D. 1922 at 2:30

o'clock P. M. and duly Recorded in book

Book 57 of 1

Joseph H. Harty County Recorder

By _____

Fee: 2.00 Return: _____

File No.

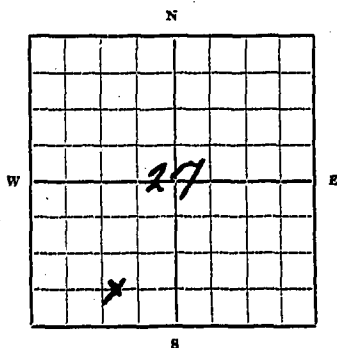
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T 29^N R 33^E 27¹
County Phillips
RECEIVED
DEC 27 1963

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

1. FRANK A MARTIN of HARB Pte. MALTA
(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:



SW 1/4 Sec. 27 T. 29 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 Stock Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been OCT 22 - 1951
CONTINUOUS
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gal. Per MIN
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NOT AT THIS TIME
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal MOTOR + Pump Jack
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater OCT 19 60 OCT 22 - 1951
8. The depth of water table 50 FT.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled - Steel
Casing - 6" Depth 60'
10. The estimated amount of groundwater withdrawn each year 250,000 GALS.
11. The log of formations encountered in the drilling of each well if available 0-50 GYEX
SHALE 50-60 SANDSTONE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE

Signature of Owner

Date

Frank A. Martin
Dec. 26, 1963

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

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

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

Miss 15634
15634

15634

236539

Filed: Dec. 26, 1963

at: 2:10 P.M.

Feb 22. '00

Rosaline W. Maloney
Clark & Leonard

Clark & Leonard

RECEIVED

County Phillips

JUN 16 1972

DRILLER'S LOG

27

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 FRANK MARTIN

Address MALTA MONT

Date well started 6-1-72

completed 6-6-72

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used CHURN

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

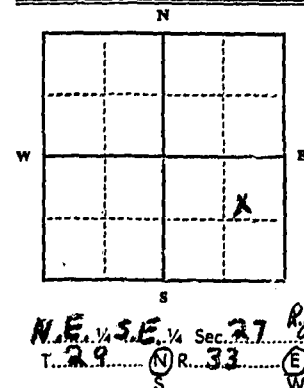
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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 |
|----------------------|---------------------------|-------------|-----------|---|
| 7 1/2" | 4 1/2" ID GALV 4 3/4 LB. | TOP | 180 | Kind Size From (Feet) To (Feet) Acetylene welder 140 180 |



Static water level 91 ft.*
Pumping water level 160 ft.*
at 15 gallons per minute,
measured 60 minutes after pumping began.

*Measured from ground level.
Well developed by DAKING
for 2 hours.

Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Gravel packed from 90 to 180

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

Driller's Signature Robert Grier

Driller's Address SACO MONT.

LICENSE NO. 220

| Top of Ground | | (Elev. above sea level) <u>3250</u> |
|---------------|-----------|-------------------------------------|
| From (Feet) | To (Feet) | |
| 0 | 17 | Brown Sand |
| 17 | 27 | Brown Clay |
| 27 | 35 | Sand Stone |
| 35 | 50 | Blue Clay |
| 50 | 78 | Sand Stone |
| 78 | 103 | Blue Clay |
| 103 | 110 | Sand Stone Water |
| 110 | 123 | Brown Clay |
| 123 | 150 | Sand Stone |
| 150 | 153 | Blue Clay |
| 153 | 180 | Sand Stone |

180 Show exact depth of bottom

50,622

255478
255478

min
16366

STATE OF MONTANA
County of Phillips

Filed for Record this 15th day of

June A. D. 1922 at 2:35

o'clock P. M. and duly Recorded in book

Book # 16866

Ray A. L. L. L. County Recorder

By _____

Fee: 2.00 Return: _____

File No. _____

T. 29 N. R. 33 E.

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

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

1 Ingvold S. Solberg, of Malta,
(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:

"x" indicates Spring No. 1.
"o" indicates Spring No. 2.

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

Spring 1, NW~~1~~SE~~1~~NW~~1~~, Sec. 31,
Township 29, Range 33.
Spring 2, NE~~1~~SW~~1~~NE~~1~~, Sec. 31,
Township 29, Range 33.

2. The beneficial use on which the claim is based
Spring 1, Stockwater;
Spring 2, Stockwater;
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Spring 1 and 2 continuous
since 1953;
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Spring 1, 3 gallons per minute;
Spring 2, 8 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
None.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Spring 1, natural flow;
Spring 2, natural flow;
- Completion of the construction of the well, wells, or other works for with-
Springs None;
- Springs None;
- Type, size and depth of each well or the general specifications of any other
well Both are Natural flowing Springs;
- Withdraw each year Both unknown
- The drilling of each well if available Both None
- Signature as may be useful in carrying out the policy of this act, including
county record Both None;

Signature of Owner

Date December 30, 1963

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

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

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

Misc # 15789

236767

Filed: Dec. 30, 1963

At: 3:14 P.M.

Fee # 2. 00

Rosalind Maloney
Clerk & Recorder

T. 29 R. 33
County PHILLIPS

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

| | | | |
|--|--|--|---|
| | | | |
| | | | |
| | | | |
| | | | x |

Owner George KNOTSON Address Succo

Driller Carl Palm Address Saco

Date Started 1/12/60 Date Completed 1/14/60

Location: Sec. 35 T. 29 R. 33 1/4 sec. SW 1/4 & SE 1/4

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: TOP ft. to 63 ft. Type 10" SOLDBLA Size 6" O.D.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations.....

Static Water level, for non-flowing well: 10 ft from top feet.

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

Pumping water level.....13.....feet at10.....gal. per min.....

How tested: PUMPING

Length of test..... 60

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

(over)

Log of Well

[illegible]

35561#

225791

State of Montana, } ss.
County of Phillips, }
Filed for Record this 22 day
of March A.D. 1968 at 3:20
o'clock P. M. and duly Recorded in book
Page of
Public Records
Fee
Return:

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 29 N Rge. 34 E

[illegible]

File No. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

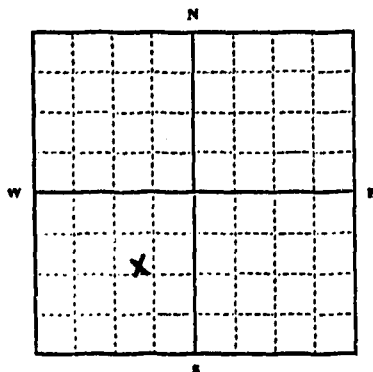
RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. George H. Knudson, of SAGE
(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:



NE 1/4 Sec 21 T. 29 N. R. 34

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

2. The beneficial use on which the claim is based WATER FOR LIVESTOCK
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 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 LIFT PUMP
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1950
8. The depth of water table 50 FT.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 110 FT. 3 INCH CASING
10. The estimated amount of groundwater withdrawn each year 600,000
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

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.

29222

Min. # 15922

236950

Phillips Co.

Filed 12-31-63.

at 9:19 A.M.

Fee \$2.00

R.V. Maloney
Cl. & Rec.

RECEIVED
JAN 1 1964
FBI - NEW YORK
100-15922-100

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 2817 Rge. 27e

[illegible]

File No. _____

T 28 N R 27 E

DUPLICATE

County Phillips

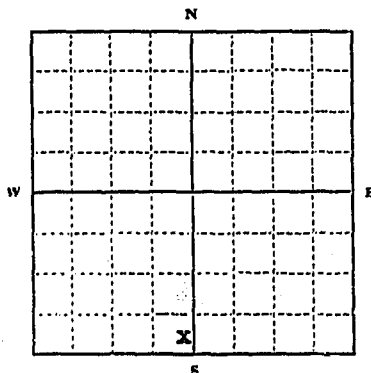
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 27 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ernest W. Wilke, of Dodson
(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:



SESE 1/4 SW Sec. 8, T. 28, R. 27

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 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 electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater December 1945

8. The depth of water table 135 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. steel casing 400 ft. deep.

10. The estimated amount of groundwater withdrawn each year 900,000 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

Signature of Owner /s/ Ernest W. Wilke

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.

Miss 16023.

23.7051

Phillips Co.

Filed 12-31-63.

At 10:55 A.M.

Fee \$ 2.00.

R. V. Maloney

Clerk & Recorder.

File No.

T28N R 27E MM

DUPLICATE

County PhillipsSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

FEB 27 1964

Notice of Completion of Groundwater
Appropriation by Means of ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

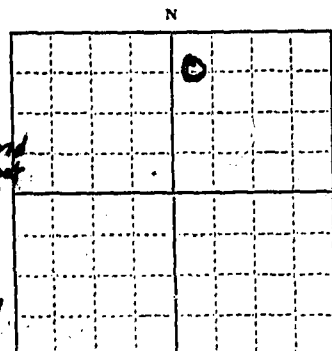
Owner Nordlund Address Dodson, Mont.Driller Billmeyer & Sons Address Billing, Mont.

Date of Notice of Appropriation of Groundwater

Date well started 1-14-64 Date Completed 1-21-64Type of well Drilled Equipment Used Spudder
(dug, driven, bored or (Churn, drill, rotary or
drilled) 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) |
| 7" | 6 7/8" | | 350' | Cut | 290' | 300' |
| | 15 lb. | | | " | 330' | 350' |



NW 1/4 NE Sec 10 T28N R 27E

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

Show exact depth of bottom.

350' Total depth

Static Water Level for non-flowing Well 193 feet.

Shut-in Pressure for Flowing Well

Bailed Pumping Water Level 300 feet at 6 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailed 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)

Small amount water @ 290'-300'
water 331' to 350' - 6 GPMNo. 5
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.

35028

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 28 N Rge. 28 E

[illegible]

File No. _____

T. 28 N. R. 28 E.

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

1. Wellington D. Rankin, of Box 615, Helena, Montana
(Name of Appropriator) (Address) (Town)

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

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

1/4 Sec. 26, T. 28, R. 28
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

- The beneficial use on which the claim is based
stock water
- Date or approximate date of earliest beneficial use; and how continu-
ous the use has been Jan. 24, 1946 and con-
tinuously since
- The amount of groundwater claimed (in miner's inches or gallons
per minute)
30 gallons per minute
- If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
- The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal
by means of pump

- The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater commenced Jan. 11, 1946; finished Jan. 24, 1946
- The depth of water table water level 40 feet
- So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater
- The estimated amount of groundwater withdrawn each year entire flow
- The log of formations encountered in the drilling of each well if available Log annexed hereto
- 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

Wellington D. Rankin

Date December 27, 1963

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

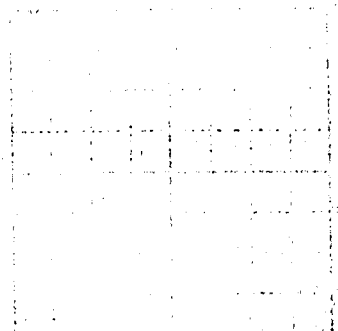
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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.

29237

Miss 15937

236965



RECEIVED
JAN 15 1965
U.S. AIR FORCE
HONOLULU, HAWAII

236965

WELL REPORT

started Jan 11, 1946
finished Jan. 24, 1946

RECEIVED
JAN 10 1946
STATE ENGINEER

Log:
0 - 30 clay and sand
30 - 160 dark shale
160 - 168 light gray shale
168 - 175 dark brown shale
175 - 185 slate rock and dark sandy shale
185 - 208 gray sandstone--some water
208 - 211 white hard rock
211 - 226 sandy shale
226 - 227 rock
227 - 236 sandstone and shale
236 - 238 rock
238 - 240 light shale
240 - 245 gray shale
245 - 250 sand stone
250 - 275 light brown shale
275 - 280 light blue shale
280 - 295 dark brown shale
295 - 300 brown sandstone --some water
300 - 316 gray shale
316 - 318 rock
318 - 330 sandstone
330 - 355 blue shale
355 - 365 sandstone
365 - 385 brown shale
385 - 398 sandstone
398 - 400 clay shale
400 - 403 rock layer
403 - 426 gray shale
426 - 433 brown shaley sandstone
433 - 450 gray shale
450 - 458 blue shale
458 - 465 sandstone
465 - 482 blue and green shale
482 - 496 sandstone
496 - 497 rock
497 - 510 sandstone layers of shale
510 - 520 sandstone
520 - 522 rock
522 - 525 gray shale

Misc. 15937
236965

Phillips Co.

Filed 12-31-63

at 9:34 A.M.

Fee \$ 2.00

R. V. Meloney
Clerk &
Recorder

Entered in the
Office of the
Recorder

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 28 N Rge. 29 E

[illegible]

6

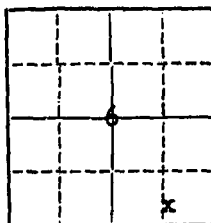
T. 28 R. 29

County Phillips

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG



Owner Orville Mitchell Address Malta, Montana

Driller Self Address Malta, Montana

Date Started April 1961 Date Completed April 1961

Location: Sec. 6 T. 28 R. 29 1/4 sec. SESE

Type of well Dug Equipment used Backhoe & by hand
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 4 ft. to 18 ft. Type Galvanized Culvert Size 4 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 Open at bottom

Static Water level, for non-flowing well: 4 ft. feet.

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

Pumping water level 3 ft. feet at 5 gal. per min.

How tested: Pump

Length of test

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

This was formerly a bored well completed in June 1946 and re-dug in 1961.

(over)

Log of Well

[illegible]

Mice # 15133

230193

State of Montana,
County of Phillips,

Filed for Record this 27 day
of Nov. 1901 D. Delaplaine

Recorded in book

Josephine M. Goff

T. 28 R. 29

County Phillips

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

RECEIVED
JUN 28 1961

STATE ENGINEER

| | | |
|--|---|---|
| | | |
| | 6 | |
| | | X |

Owner Orville Mitchell

Address Malta, Mont.

Driller R. C. Simpson

Address Malta, Mont.

Date Started

Date Completed Nov. 1949

Location: Sec. 6 T. 28 R. 29 1/4 sec. SESE

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 21 ft. to ft. Type Steel Size 6 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 11 to ft. Ft. to ft.

Type of screen or perforations 1/8" X 2" slits cut in lower 11 ft. of casing

Static Water level, for non-flowing well: About 11 ft. feet.

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

Pumping water level 11 ft. feet at 5 gal. per min.

How tested: Baler & Pump

Length of test

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

Still pumping 5 gal per min. in 1961

(over)

Log of Well

[illegible]

Meier #15-132

230192

County Ophir

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962 MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

(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 Orville Mitchell
Address Malta Mont
Box 47 Stee Rte
Date well started 3-1-73
completed 3-1-73

| For Administrator's Use | |
|-------------------------|----------------------|
| File # | <u>16906-257491</u> |
| Date | <u>MARCH 22 1973</u> |
| Time | <u>2:00 p.m.</u> |

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

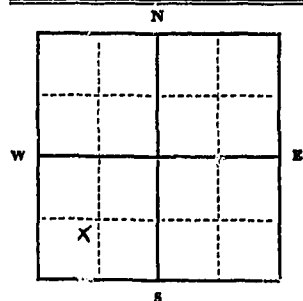
Equipment used drill
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ 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 and Size | From (Feet) | To (Feet) |
| <u>4 7/8</u> | <u>280</u> <u>18-97</u> | <u>Top</u> | <u>90</u> | <u>1/8 slots</u> | <u>80</u> | <u>90</u> |



Static water level 16 ft.*
Pumping water level 50 ft.*
at 1.0 gallons per minute,
measured minutes after pumping
began.
*Measured from ground level.
Well developed by hours.
for hours.
Power Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

1/4 1/4 Sec. 6
T. 28 N. 29 E.
S. W.

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

Driller's Signature Richard D. Hinkel
Driller's Address Turner, Montana

LICENSE NO. 196

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) | |
| <u>0</u> | <u>2</u> | <u>top</u> |
| <u>2</u> | <u>10</u> | <u>clay</u> |
| <u>10</u> | <u>21</u> | <u>sand</u> |
| <u>21</u> | <u>80</u> | <u>shale sand layer</u> |
| <u>80</u> | <u>90</u> | <u>sand shale - water</u> |

Show exact depth of bottom

52,765

| | | | |
|----|----|----|----|
| 33 | 34 | 35 | 36 |
| 28 | 29 | 30 | 31 |
| 23 | 24 | 25 | 26 |
| 18 | 19 | 20 | 21 |
| 13 | 14 | 15 | 16 |
| 8 | 9 | 10 | 11 |
| 3 | 4 | 5 | 6 |
| 1 | 2 | 3 | 4 |

Range 29
County

Driller's Signature

Richard W. H. H.

Remarks:

Misc # 16 906

257491

STATE OF MONTANA
County of Phillips

Filed for Record this 27th day of

March A. D. 1973 at 2:00

o'clock P. M. and duly filed

Indy L. Salway
County Recorder

By

Rec: 2nd Return: Filed

County

Cheryl

W. 2, Revised 1969

FORMATION DEPTH

0-2 top
2-10 clay
10-21 sand
21-80 shale sandstone
80-90 sandstone shale

Drilling Log

Driller - HICKEL & TOOKE DRILLING CO. - Turner, Montana
Montana Drilling License No. 196

Owner O. Mitchell Address Malta

Date well started 3-1-73 Date Completed 3-1-73

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|--------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 7 1/8 | 280 18.97 | top | 90 | 1/8 hole | 80 | 90 |
| | | 92 ft casing | | | | |

Static Water Level for non-flowing Well 16 feet

Shut-in Pressure for Flowing Well _____

Pumping Water Level 50 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested pump Length of Test 15 hrs

Remarks: _____

Township 28 Range 29
Phillips County, SOUTH

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 6 | 5 | 4 | 3 | 2 |
| 8 | 7 | 6 | 5 | 4 | 3 |
| 9 | 8 | 7 | 6 | 5 | 4 |
| 10 | 9 | 8 | 7 | 6 | 5 |
| 11 | 10 | 9 | 8 | 7 | 6 |
| 12 | 11 | 10 | 9 | 8 | 7 |
| 13 | 12 | 11 | 10 | 9 | 8 |
| 14 | 13 | 12 | 11 | 10 | 9 |
| 15 | 14 | 13 | 12 | 11 | 10 |
| 16 | 15 | 14 | 13 | 12 | 11 |
| 17 | 16 | 15 | 14 | 13 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 18 | 17 | 16 | 15 | 14 |
| 20 | 19 | 18 | 17 | 16 | 15 |
| 21 | 20 | 19 | 18 | 17 | 16 |
| 22 | 21 | 20 | 19 | 18 | 17 |
| 23 | 22 | 21 | 20 | 19 | 18 |
| 24 | 23 | 22 | 21 | 20 | 19 |
| 25 | 24 | 23 | 22 | 21 | 20 |
| 26 | 25 | 24 | 23 | 22 | 21 |
| 27 | 26 | 25 | 24 | 23 | 22 |
| 28 | 27 | 26 | 25 | 24 | 23 |
| 29 | 28 | 27 | 26 | 25 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 30 | 29 | 28 | 27 | 26 |
| 32 | 31 | 30 | 29 | 28 | 27 |
| 33 | 32 | 31 | 30 | 29 | 28 |
| 34 | 33 | 32 | 31 | 30 | 29 |
| 35 | 34 | 33 | 32 | 31 | 30 |
| 36 | 35 | 34 | 33 | 32 | 31 |

Richard D. Hickel
Driller's Signature

File No.

T.28 N. R. 29 E.M.E.

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

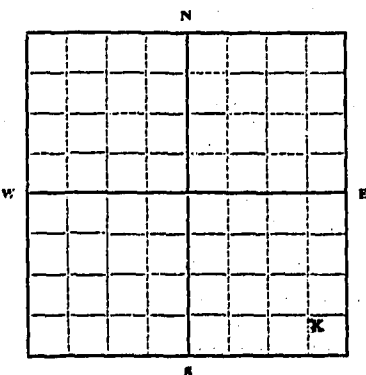
RECEIVED
DEC 10 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Orville W. Mitchell, of Malta
(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. 6 T28N. R29E

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.

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been April, 1961 and in
continuous use since said date.

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

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

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal Exhaust
pump, about 1 1/2" intake and 3/4" outlet.
Pump driven by electricity.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Well was commenced and completed in April, 1961 and
water has been used from said well since said date.

8. The depth of water table Approximately 18 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater 4 foot casing, galvanized culvert, cement
top covered by four feet of dirt.

10. The estimated amount of groundwater withdrawn each year approximately 52,000 gallons.

11. The log of formations encountered in the drilling of each well if available Top soil for approximately four feet; clay for approximately ten feet;
sand and gravel to bottom of well hole.

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

Orville W. Mitchell

Date December 9, 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 #15482

236222

State of Montana,

County of Phillips,

Filed for Record this 9 day

of Dec. A. D. 1923 at 10:50

o'clock A.M. and duly Recorded in book

of

Roscoe W. McCoy County Recorder

By

Feb. 2, 1924

Returns

File No.

T. 28 N. R. 29 E. M. M.

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

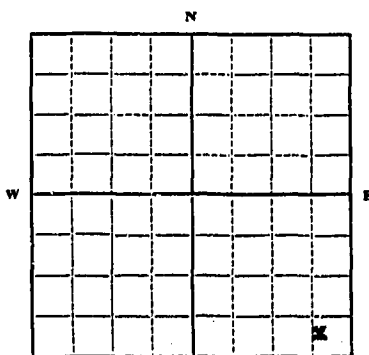
RECEIVED
DEC 10 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Orville W. Mitchell, of Malta,
(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 22 T28NR29 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.....
watering livestock.

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. November, 1949 and in
continuous use since said date.

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

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

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal. Regular
pump and pump jack worked by electric motor.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater.....Well commenced and completed approximately in November,
1949 and in continuous use ever since said date.

8. The depth of water table.....approximately 21 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater. Pump and pump jack driven by electric motor
is used to withdraw underground water. Steel casing, 6" to depth of
21 feet.

10. The estimated amount of groundwater withdrawn each year.....approximately 88,000 gallons.

11. The log of formations encountered in the drilling of each well if available. Dirt, clay and gravel
and sand.

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. Orville W. Mitchell

Date. December 9, 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.

2348

Mus # 15481

236221

State of Montana, } ss.
County of Phillips,

Filed for Record this 9th day
of Dec. A. D. 1936 10:45
o'clock A.M. and duly recorded in book

Rosaline M. Maloney
County Recorder

By

Fee \$2.00

Return

T 28^N R 29^E

County Phillips

R JAN 27 1964

ITE 2.

ITE 2.

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

- Signature of Owner /s/ Loyal S. Boyce

Date Dec. 31, 1963

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.

34006

Miss. 16081

237109.

Phillips Co.

Filed 12-31-63.

at 11:50 A.M.

Fee \$ 2.00.

R. V. Maloney

Clk & Recorder.