

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 28 n Rge. 30 e

[illegible]

File No. _____

T 28^N R 30^E 3

DUPLICATE

Top of Ground
(Elev. above sea level _____)

0-42 brown clay sand
42-81 grey shale
81-84 hard shell
84-101 brown sandstone
101-115 grey shale
115-125 grey sandy shale
125-140 brown shale
140-155 grey sandy shale
155-174 hard shell
174-214 grey shale
214-220 grey shale
220-240 grey-brown shale
240-257 grey shale (sandy)
257-262 grey brown sand shale
262-302 brown shaly sand
302-310 grey shale
310-321 grey shale
321-322 hard shell
322-326 grey sandy shale
326-340 dark grey shale

County ~~Phillips~~
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER MAR 22 1965

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Egil Solberg Address Malta, Mont

Driller Simpson Drig Co Address Malta, Mont

Date of Notice of appropriation of ground water _____

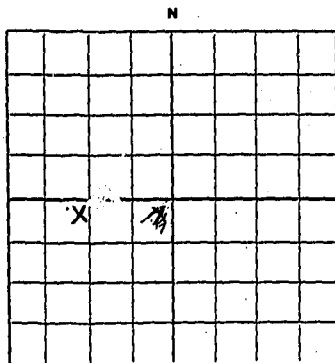
Date well started 16 Jan 1965 Date Completed 1 Feb 1965

Type of well Drilled Equipment used churn
(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 Size	From (Feet)	To (Feet)
8	6" 1.4.	0	247	none		
6"	5" 1.4.	235	340	bits with churn	282	310



S. W. 1/4 Sec. 3 T. 28 R. 30
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 320 feet
at 8 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested bailer

Length of Test 1 hr

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) _____

Simpson Drig Co # 15
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 School of Mines and Quadruplicate for Appropriator.

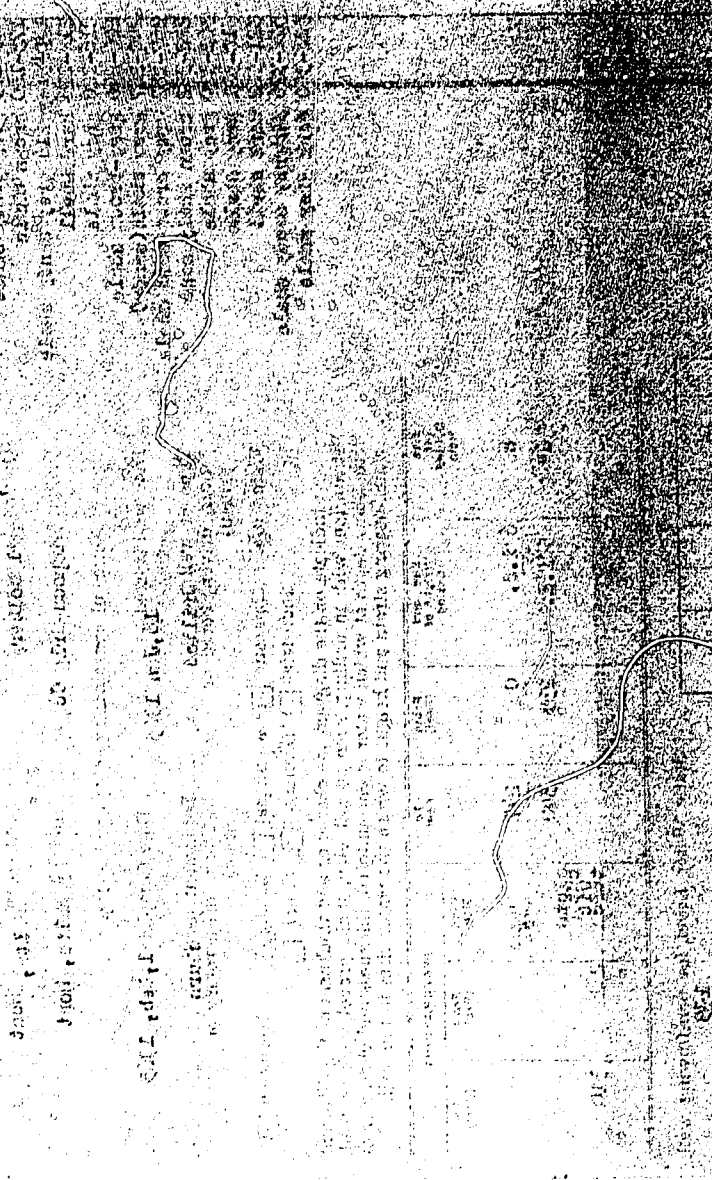
39022

Miss #16952

240329

State of Montana, } ss.
County of Phillips,

Filed for Record this 19 day
of March A. D. 1958
By J. M. and duly Recorded in book
Page of
By Rosalind M. McInnes, Recorder
Fee \$2.00
Return



File No.

T. 22 N. R. 30 E

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

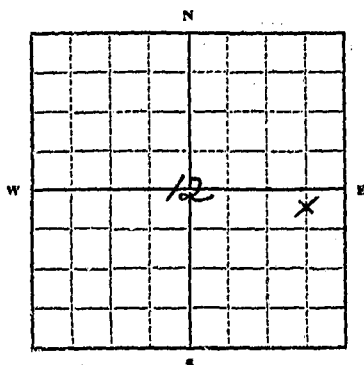
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 2 1964

STATE ENGINEER

1. Marit Guldseth, 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:



NE 1/4 SE Sec 12, T28, R30

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.....
Dec. 1953 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
4 g.p.m. 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.....
No

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.....
Dec. 1953

8. The depth of water table.....
178 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, 322 feet

10. The estimated amount of groundwater withdrawn each year.....
50,000

11. The log of formations encountered in the drilling of each well if available.....
- | | | |
|--------------------------|--------------------------|---------------------------|
| 0-35 brown clay | 190-200 sandy shale | 233-235 brown shale |
| 35-75 brown sandstone | 200-200 rock layer | 235-250 sandy gray shale |
| 75-110 sandy gray shale | 200-230 shaley sandstone | 250-272 brown shale |
| 110-130 sandy gray shale | 230-233 rock layer | 272-284 sandstone |
| 130-180 sandstone | | 284-286 rock layer |
| | | 286-310 sandstone |
| | | 310-322 sandy brown 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.....
No

Signature of Owner Marit GuldsethDate 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.

17993

Mass # 15690

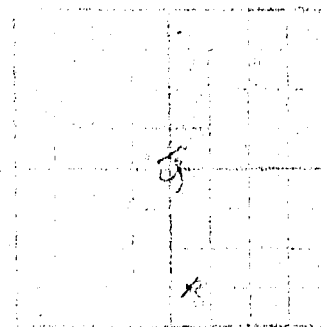
236656

Filed: Dec 30, 1963

20: 9:05 A.M.

For 42.

Rosaline W. Maloney
Clerk & Recorder



MASS. DEC 30 1963

RECORDED

INDEXED

FILED

MASS. DEC 30 1963

GROUNDWATER INDEX

Page 1 of 1

County Phillips

Twp. 28 N

Rge. 31c

[illegible]

File No. 210

MONTANA WATER RESOURCES BOARD

RECEIVED

SEP 11 1967

T. 28N R. 31ECounty Phillips

DUPLICATE

Top of Ground

(Elev. above sea level)

0 brown clay sand & gravel

-1 sandy brown clay

-42 sandy blue clay some gravel

-55 rock layer

-58 sandstone

-68 rock layer

-69 sandstone water

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 227, Montana Session Laws, 1961)

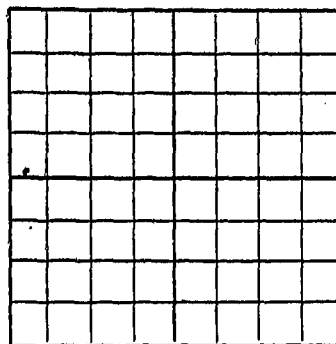
Owner Dale Holby Address Malta, MontanaDriller Simpson Drilling Co. Address Malta, Montana

Date of Notice of appropriation of ground water

Date well started July 28, 1967 Date Completed August 2, 1967Type of well Drilled Equipment used churn
(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 Size	From (Feet)	To (Feet)
7"	6" 19#	0	55	7/64	55	78
5"	4" plastic	48	78			

3 1/4 Sec. 4 T. 28N R. 31E
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 50 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 65 feetat 3 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested packedLength of Test 1 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)

Driller's License Number 15Driller's Signature Robert C. Simpson

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.

42,296

Miss # 16424

State of Montana,
County of Phillips

Filed for Record this 7 day
of Sept A. D. 1967 at 3:25
o'clock P. M. and duly recorded in book

Book of Rateliff Melney
County of Phillips

By
Fee 2.00
Return

CLERK

RECEIVED
COUNTY CLERK
PHILLIPS COUNTY
MONTANA
SEP 11 1967
This is to certify that the foregoing is a true and correct copy of the original as filed for record in the office of the County Clerk of Phillips County, Montana, on the 7th day of September, 1967, at 3:25 o'clock P. M. and duly recorded in book of Rateliff Melney, County of Phillips, Montana.

File No.

T 28 N. R 31 E.M.M.

DUPLICATE

County PHILLIPS

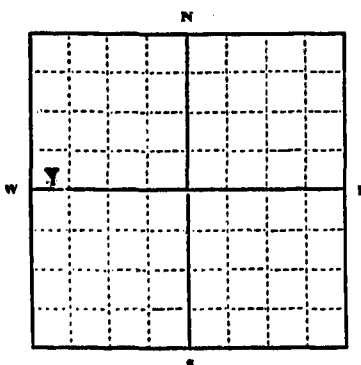
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights DEC 26 1963

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. DALE HOIBY, 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. 4 T. 28 R. 31 E.M.M.

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

2. The beneficial use on which the claim is based domestic use and for watering livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Used in October 1929 and in continuous use since that time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Approximately ten 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 Pump jack powered by electricity.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well commenced and completed in October, 1929, together with necessary works for withdrawal of groundwater.
8. The depth of water table Seventy Six feet deep.
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 Six inch galvanized steel pipe the entire depth of well. Pump is erected on top of pipe.
10. The estimated amount of groundwater withdrawn each year 2,000,000 gallons per year.
11. The log of formations encountered in the drilling of each well if available Top soil, blue clay, sand rock and water was discovered on the sand rock.
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 December 20, 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 Quaduplicate for the Appropriator.

12456

Min 15580

236497

State of Montana,

County of ss.

File of Dec 20 day
of 1963 at 2:15
of P filed in Look

Rosaline M. Maloney
Order

By

For 2.00

Return:

File No.

28 M.
T. 28 N. R. 31 E.

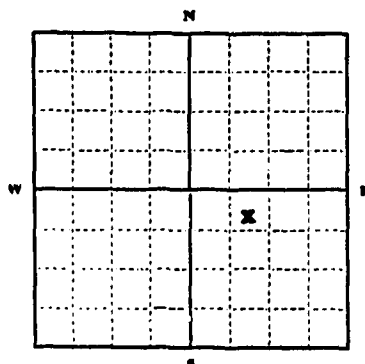
DUPLICATE

County PhillipsSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
DEC 19 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. ALFRED HENDRICKSON, 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:

ME 1/4 Sec. 7 T28 N. 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 use and for watering livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Beneficial use in December, 1946 and in continuous use since then.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) two 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 Water withdrawn by a pump powered by electricity and by a windmill.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well and works commenced and completed in December, 1946
8. The depth of water table 122 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 Four inch steel casing, 122 feet deep; pump is on top of casing, enclosed in a pump house.
10. The estimated amount of groundwater withdrawn each year 110,000 gallons per year.
11. The log of formations encountered in the drilling of each well if available dirt, sand, clay, and finally shale, where water is located.
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 Alfred HendricksonDate December 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.

10-447(4)

Miss # 15538

236394

State of Montana }
County of Blaine }

17
Dec 1963 2:15
P.M. and only

Rosalind Maloney

2.40

Return:

File No.

T. 28 N. R. 31 E.

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

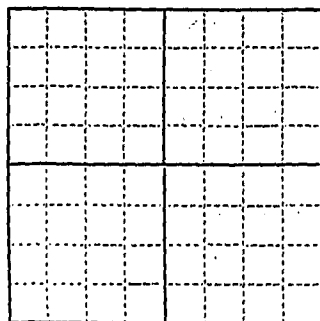
RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Oris M. Erdahl, 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 NW 1/4 Sec. 9 T. 28 N. R. 31 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. domestic use, stockwater and yard and garden use;

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. continuous since 1943;

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1943

8. The depth of water table. drilled well, 135 ft. deep;

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. drilled well, 400 feet deep; 4" casing

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 Oris M. Erdahl

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.

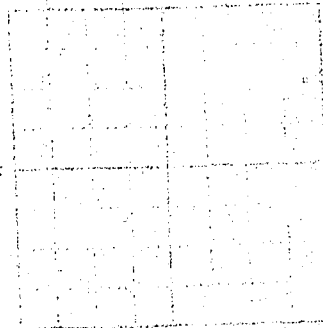
29093

Misc # 15791

236769

Filed: Dec. 30, 1963
At: 3:16 P.M.
Per 82. 00

Rosalene W. Maloney
Clerk & Recorder



RECEIVED

RECEIVED

RECEIVED

RECEIVED

RECEIVED

File No.

T. 28^N R. 31^E X

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

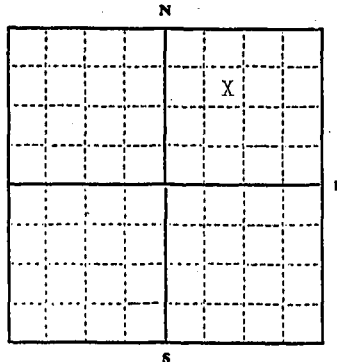
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ovidia E. Artt Christofferson, of Box 33 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:



Nw 1/4 NE Sec. 13 T. 28 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 use and watering livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been First used in December, 1960 and in continuous use ever since said time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) ten 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 Water is withdrawn by submersible pump to a pressure tank on surface.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well commenced on December 2, 1960 and completed December 17, 1960. Pump and withdrawal works installed at same time.
8. The depth of water table 260 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 Steel casing to 350 feet depth, screw joint, 4 inch I.D. 4 Drilled holes in perforated screen from 280 to 350 feet.
10. The estimated amount of groundwater withdrawn each year 1,800,000 gallons per year.
11. The log of formations encountered in the drilling of each well if available 0-15, brown clay; 15-20 brown clay, rocks at 15 feet; 20-21, gravel and rocks; 21-30, brown clay; 30-41 hard pan; 31-40 brown clay; 40-60, brown clay with thin streaks of gravel; 60-73, grey sandstone; 73-90, tan shale; 90-92, rock layer; 92-120 light blue shale; 120-150, dark shale; 150-170, bluish green shale (cont. over
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 Gravel packed well with fine gravel up on the outside of the 4 inch casing then used bentonite on top of the gravel to make a seal. Driller's Water Well Log filed Jan. 31, 1961 at 2:45 P.M., Misc. #15045, Doc. #228164, records of Phillips County, Montana.

Signature of Owner Ovidia E. Artt Christofferson

Date December 23, 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.

12474

Continuation of answer to Item 11 on reverse side:

~~220-222, sandstone;~~

170-200, dry sandstone; 200-220, blue shale; 220-230, blue green shale;
230-232, coal; 232-240, brown shale; 240-260, blue green shale;
260-280, blue shale; 280-290, sandstone; 290-295, dark brown shale,
295-330, sandstone, 330-350, sandstone and shale layers.

Mar 2 1960

236542

State of Montana
County of *Deer*
Filed in book *63 2115*
By *Rosalind M. M. M. M.*
Fec. *21.00.0*
Return.....

T. 28 R. 31 13
County Phillips

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 1 1961

WATER WELL LOG

STATE ENGINEER

		X	

Owner Ovedia Christofferson Address Malta, Montana
Driller Robert C. Simpson Address Malta, Montana
Date Started December 2, 1960 Date Completed December 17, 1960
Location: Sec. 13 T. 28 R. 31 1/4 sec. NW 1/4

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

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

Casing: 0 ft. to 390 ft. Type screw joint Size 4 inch I.D.

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

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

Perforated or Screened: Ft. 280 to ft. 390 Ft. _____ to ft. _____

Type of screen or perforations drilled 1/2 inch holes

Static Water level, for non-flowing well: 260 feet.

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

Pumping water level 260 feet at 10 gal. per min.

How tested: bailer

Length of test 4 hours

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

gravel packed well with fine gravel up on the outside of the 4 inch casing
then used bentonite on top of the gravel to make a seal

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	15	brown clay
15	20	brown clay rocks at 15 feet
20	21	gravel and rocks
21	30	brown clay
30	31	hard pan
31	40	brown clay
40	60	brown clay with thin streaks of gravel
60	73	grey sandstone
73	90	tan shale
90	92	rock layer
92	120	light blue shale
120	130	dark shale
130	170	bluish green shale
170	200	dry sandstone
200	220	blue shale
220	230	blue green shale
230	232	coal
232	240	brown shale
240	260	blue green shale
260	280	blue shale
280	290	sandstone
290	295	dark brown shale
295	330	sandstone
330	330	sandstone and shale layers

State of Montana,
 County of Phillips,
 ss. **228164**
 Filed for Record this **21** day
 of **June**, A. D. 19**41**.
 I, **John A. D.**, Clerk, do hereby certify that the foregoing is a true and correct copy of the original as the same appears from the records of the County of Phillips, State of Montana.
 Given under my hand and the seal of said County at Great Falls, Montana, this **21** day of **June**, A. D. 19**41**.
 John A. D.
 Clerk
 Page **1** of **1**
 Fee **1.00**
 Return **to sender**

Min 15045

File No. 7

DUPLICATE

T. 28 R. 31

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 6 1962

Declaration of Vested Groundwater Rights

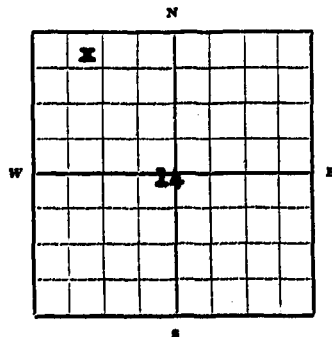
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Mrs. Martha Brun, 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:



NW 1/4 Sec. 14 T. 28 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

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) 20 gal per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof No

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Fall of 1946 Began & Completed same month.

8. The depth of water table 270 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 315 feet deep 4" steel casing

10. The estimated amount of groundwater withdrawn each year 2,555,000 gal per yr.

11. The log of formations encountered in the drilling of each well if available 0 to 100 feet - clay
100 to 215 feet - 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 Mrs. Martha Brun

Date Feb 26-1962

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

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

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

175?

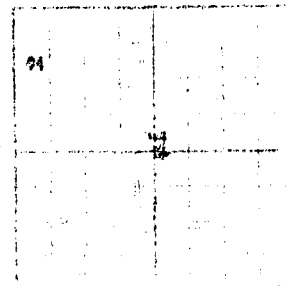
Triller #15213

231076

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

Filed for Record this 5 day
of March A. D. 1962 at 1:10
o'clock P. M. and duly Recorded in book

Page of
Rosalene M. McHenry Recorder
By
Fee \$ 2.00
Return



RECORDED
INDEXED
MAR 11 1962
COUNTY OF PHILLIPS
MONTANA

RECORDED
INDEXED
MAR 11 1962
COUNTY OF PHILLIPS
MONTANA

GW

File No. _____

DUPLICATE

SECTION 1072

RECEIVED
MAY 20 1963

Approved State Form - State Publishing Co., Helena, Montana - 19089

T. 28N R. 31E

20

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. GEORGE B. :TILLMAN 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:

NOTE Sec. 20 T. 28 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1923

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 24

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 natural spring

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

8. The depth of water table surface spring

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 foot diameter concrete curbing sunk 4 feet in ground

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

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 George B. Tillman
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 # 15833

236811

Filed: Dec 30, 1963
at: 4:02 P.M.

Fee # 27

Rosaleen W. L. ...
Chick + Bender

File No. 6

DUPLICATE

T. 25 R. 31

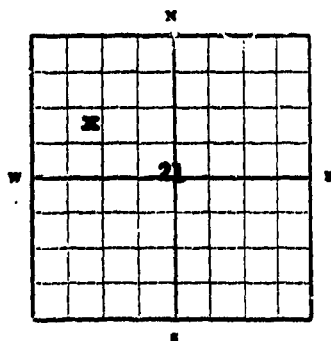
County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 23 1962

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

1. Edwin I. Bergsgel of Malta, Montana
(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, 21 Section 21, T. 25, 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 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) 5 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 hand pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started and completed in same week in October 1960
8. The depth of water table 10 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4" in diameter; wood & tin casing 18 feet deep
10. The estimated amount of groundwater withdrawn each year 36,000 gal per yr.
11. The log of formations encountered in the drilling of each well if available
0 to 3 feet - clay
3 to 15 " - gravel & 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. None

Signature of Owner

Edwin Bergsgel

Date

Jan. 23, 1962

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

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

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

1254

Misc # 15167

220724

State of Montana, } ss.
County of Phillips,

Filed for Record this day
of A. D. 1931
o'clock M, and duly Recorded in Book 62 3:30

Page of
Joseph Judge Recorder

Fee
Return to

File No. 5

DUPLICATE

T 28 R 31

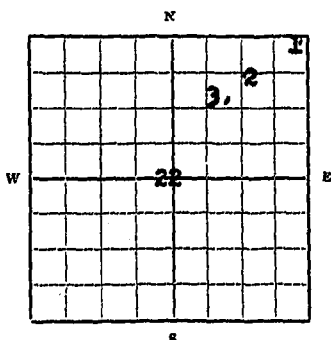
County Phillips

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 23 1962
STATE ENGINEER

1. Edwin I. Bergsagel, of Malta, Montana
(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:



Malta Sec. 22 T. 28 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
(1) Stock & Domestic (2) Domestic & Stock
(3) Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
(1) 1913 Continuous
(2) 1955 Continuous
(3) 1956 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
(1) 1 gal. per min.
(2) 1 gal. per min.
(3) 20 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 for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
(1) and (2) by handpump
(3) electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
same as (3) (1) 1913 (2) 1955 (3) Nov. 1956
8. The depth of water table
(1) 12 feet (2) 16 feet
(3) 270 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
(1) 4 1/2" wood casing 18 feet deep
(2) 4 1/2" " 20 feet deep
(3) 4" steel casing 315 feet deep
10. The estimated amount of groundwater withdrawn each year
(1) 31,200 gal per yr.
(2) 31,200 gal per yr. (3) 2,555,000 gal per yr.
11. The log of formations encountered in the drilling of each well if available
(1) Sand & Gravel all the way. (2) Sand & Gravel all the way.
(3) Clay first 100 feet. 100 to 215 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 Edwin Bergsagel

Date Jan 23, 1962

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

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

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

Miss # 15168

230725

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

Filed for Record this... 23... day
of... Jan... A. D. 1962 at 3:35
o'clock... M, and duly Recorded in book

Page...
By... Joseph...
County Recorder

Fee...
Return...

File No.

T 28N R 31E

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

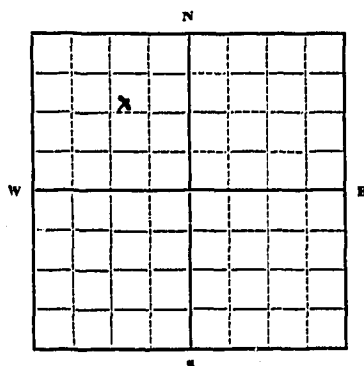
RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. OSCAR LODMELL, 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:



NE 1/4 NW Sec. 23 T28N R31E

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 - garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1921 - continuous to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 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, fruit trees in NE 1/4 NW 1/4 of Sec. 23.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1921

8. The depth of water table 11 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 4 feet square, 15 feet deep - wood cribbing.

10. The estimated amount of groundwater withdrawn each year 400,000 gals

11. The log of formations encountered in the drilling of each well if available
3 feet of clay - 12 feet 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

Oscar Lodmell

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.

29/32

Misc # 15832

236810

Filed: Dec. 30, 1963
at: 4:01 P.M.
Fee \$ 2.00

Rosalene W. Maloney
Clerk & Recorder

File No. _____

T. 28 ^N R. 31 ^E

DUPLICATE

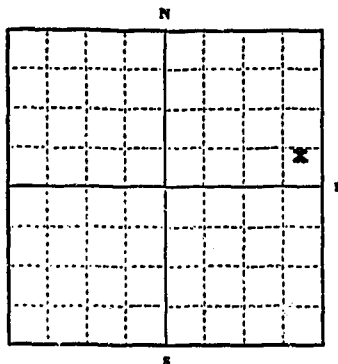
County Phillips

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)

1. Monroe Anderson, of Turner, Phillips 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 $\frac{1}{4}$ NE Sec 24 T. 28 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 and Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955 and before
continuously

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Garden 1 acre

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

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

8. The depth of water table 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 ft. by 4 ft. square, 9 ft. deep, wood casing.

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

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.

17997

Miss - 15694
15694
238660

Filed: Dec 30, 1963
at: 9:30 A.M.
P. 22.

Rosalene W. Maloney
Chick + [unclear]

RECEIVED
JAN 1 1964
FBI - [unclear]

File No. _____

DUPLICATE

T. 28N R 31E

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

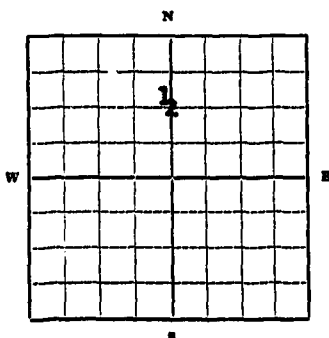
RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. GEORGE B. TILMAN 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:



Sec. 28 T.28NR31E

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 #1 - 1958
#2 - 1958
4. The amount of groundwater claimed (in miner's inches or gallons per minute) #1 - 2 1/2 gpm #2 - 2 1/2 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 _____
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump well for both
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1958 #1 & #2
8. The depth of water table 30 feet #1 & #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 (#1 - 0-14 brown clay, 14-40 hard brown sandstone, 44-57 brown sandstone water) (#2 - 0-10 brown clay, 10-30 sandy brown clay, 30-40 hard brown sandstone, 40-50 sandstone water)
10. The estimated amount of groundwater withdrawn each year 500,000 on each
11. The log of formations encountered in the drilling of each well if available see #9 above
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

George B. TillmanDate 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.

29134

Misc # 15834

236812

Filed: Dec 30, 1963

At: 4:03 P.M.

Fee \$ 2.00

Rosaline M. Maloney
Clerk & Recorder

RECEIVED
OCT 16 1958

T. 28N R. 31E
County Phillips

28

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

	X		

Owner: George B. Tillman Address: Malta
Driller: R. C. Simpson Address: "
Date Started: Oct. 13, 1958 Date Completed: Oct. 15, 1958
Location: Sec. 28 T. 28 R. 31 1/4 sec. SENW

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

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

Casing: 0 ft. to 180 ft. Type: Steel Size: 4"

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

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

Perforated ~~OPENED~~ Ft. 169 to ft. 180 Ft. _____ to ft. _____

Type of ~~EXPOSED~~ perforations: holes drilled in pipe

Static Water level, for non-flowing well: 150 feet.

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

Pumping water level: 160 feet at 8 gal. per min.

How tested: Bailor

Length of test: 1/2 hour

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

(over)

[illegible]

Min A 14822

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 28N Rge. 32E

[illegible]

File No.

T. 28^N R. 32^E

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

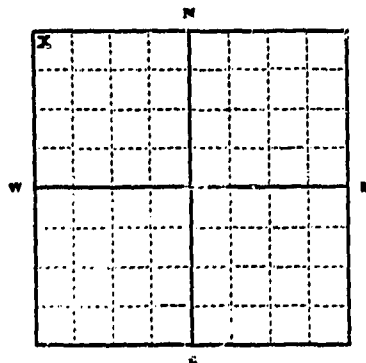
JAN 27 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

JAN 27 1964

1. Reuben A. Thompson, 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:



NW 1/4 NW Sec. 3 T. 28 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. Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. about 1941
3 or 4 months per year
4. The amount of groundwater claimed (in miner's inches or gallons per minute). capacity of cylinder gives only about 6 gal a minute. On test when well was finished about 20 gal per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Gas Engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. about 1941
8. The depth of water table. Well about 280 ft deep water table considerable higher
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 inch casing, 1 1/2 in cylinder capacity of cylinder about 6 gal per minute when well was tested at time of drilling it tested about 20 (20) gal per minute
10. The estimated amount of groundwater withdrawn each year. 1,500,000 gal.
11. The log of formations encountered in the drilling of each well if available.
Shale & 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.

Signature of Owner /s/ Reuben A. Thompson

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 Miner and Geology, and Quaduplicate for the Appropriator.

34026

Misc 16102.
237130.

Phillips Co.

Filed 12-31-63.

at 1:09 P.M.

Fee \$2.00

R. V. Maloney

Clerk & Recorder

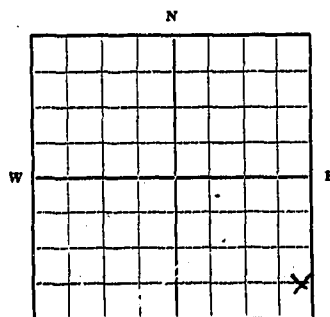
File No.

DUPLICATE

T. 28^N R. 32^E 3
County PhillipsSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERDeclaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)RECEIVED
JAN 10 1964

STATE ENGINEER

1. Reuben A. Thompson, 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:



E 2 of 86 1/2 Sec. 3 T. 28 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 Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been I have been using spring since 1941
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 to 25 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Water runs into tank in side of well and then overflows
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Curbed up tank about October 1954
8. The depth of water table Depth of tank where they stock drink about 2 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 out about 3 ft x 6 ft x 2 foot deep
10. The estimated amount of groundwater withdrawn each year 10,000,000 gallons
11. The log of formations encountered in the drilling of each well if available mostly gravel & salt
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 Reuben A. ThompsonDate 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.

29234

Miss. 15934

236962

Phillips Co.

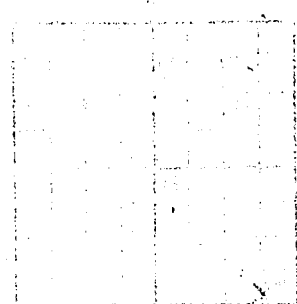
Filed 12-31-63

at 9:31 A.M.

Fee \$ 2.00

R. V. Maloney

Clerk & Recorder



RECEIVED
JAN 3 1964
CLERK & RECORDER
PHILLIPS COUNTY, MISSISSIPPI



File No. _____

T. 28^N R. 32^E

DUPLICATE

County Phillips

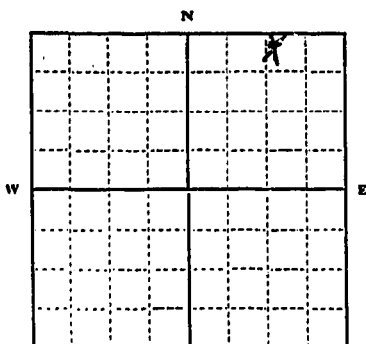
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Will T. Hennig, of Box 631, Malta, Montana
(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 Sec 6 T. 28 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. House and stock use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Oct. 15, 1949
In use every day
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 24 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.
Deep well pump
NW 1/4 of NE 1/4 of NE 1/4 Sec 6 R32 T 28

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Oct 5 to 15, 1949
8. The depth of water table. 250 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. drill well, 4 in. casing, 302 ft.
10. The estimated amount of groundwater withdrawn each year. 700,000 gal.
11. The log of formations encountered in the drilling of each well if available. shale, sandrock
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. Will T. HennigDate 12/27/63

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

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

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

29211

Tric. #15911
236939

Phillips Co.

Filed Dec. 31, 1963

at 9:10 A.M.

Fee \$2.00

R. V. Maloney

Clk & Rec.

File No. MONTANA WATER RESOURCES BOARDT. 28 R. 32DUPLICATE **RECEIVED**County Phillips

AUG 29 1967

STATE OF MONTANA

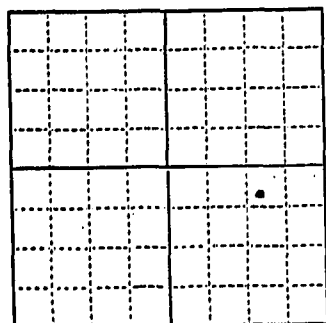
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ralph M. Bargaagel, 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:



NE 1/4 Sec. 12, T. 28, 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 and domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 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 Free flowing spring
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Improved by cleaning out, and placing barrel for curbing.
8. The depth of water table 6
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Free flowing spring.
10. The estimated amount of groundwater withdrawn each year 5,000,000 gallons
11. The log of formations encountered in the drilling of each well if available 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 Ralph M. BargaagelDate August 28, 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.

42,240

Miss # 16457-11

RECORDED
INDEXED

246224

State of Montana,
County of Phillips,

Filed for Record this 28 day
of Aug. A. D. 1947 at 11:30
o'clock A. M. and duly recorded in book

By Rosalind Melroy, Recorder

Fee \$ 7.00

Return

File No.

T 28 N. R. 32 E.M.M.

DUPLICATE

County **Phillips**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **ARNOLD HENDRICKSON**

MALTA

(Name of Appropriator)

(Address)

(Town)

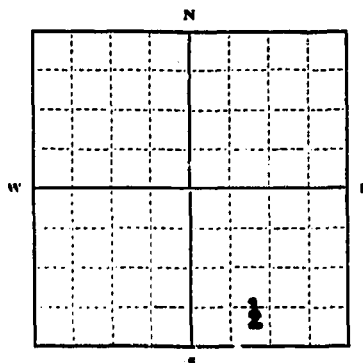
PHILLIPS

MONTANA

County of

State of

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 **domestic use, irrigating garden and lawn, and for watering livestock.**

3. Date or approximate date of earliest beneficial use, and how continuous the use has been **Used in October, 1947 and in continuous use ever since.**

4. The amount of groundwater claimed (in miner's inches or gallons per minute) **Well #1: One gallon per minute. Well #2: One gallon per minute.**

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof **used to irrigate a garden and lawn approximately one acre in size.**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **Well #1 - electric pump. Well #2 - hand operated pump.**

SW 1/4 Sec. 20 T 28N R. 32E.M.M.

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 **Well #1 and Well #2 commenced and completed in October, 1947. Works for withdrawal of groundwater completed same time.**

8. The depth of water table **Well #1 - 22 feet; Well #2 - 22 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 **Well #1 - plastic pipe, 1" diameter. Well #2 - steel pipe, 2" diameter. Well #1 is 4" square wood curbing. Well #2 is 2" diameter tile curbing.**

10. The estimated amount of groundwater withdrawn each year **Well #1 - 100,000 gallons; Well #2 - 75,000 gallons.**

11. The log of formations encountered in the drilling of each well if available **Both wells - dirt, clay and water is in sand formation.**

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

December 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.

10449

Miss # 15539

236395

State of Montana, } ss.
County of Phillips,

Filed for Record this 17 day
of Dec A. D. 1963 at 2:30
o'clock P.M. and duly recorded in book

Rosalene M. Maloney
Recorder

By # 2 ss
Fee

Return

RECEIVED
JUN 11 1957

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 28 R. 32

County Phillips

21

WATER WELL LOG

Owner Bud Johnson Address Malta, Montana

Driller Oscar Johnson Address Deceased

Date Started About 1922 Date Completed Same year

Location: Sec. 21 T. 28 R. 32 1/4 sec. SE 1/4 SE 1/4

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

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 28 ft. to 28 ft. Type Size
bottom of well.

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: About 26 feet feet.

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

Pumping water level 27 feet at 5 gal per min

How tested: Pumped dry and 5 gal bucket runs full in 1 minute.

Length of test

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

Dug down to a gravel vein 3 feet in depth.

(over)

[illegible]

Miss #14689

RECEIVED
JUL 1 1957

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

		X

Owner Bud Johnson Address Malta, Montana

Driller Bud Johnson Address _____

Date Started July 1949 Date Completed Oct 1949

Location: Sec. 21 T. 28 R. 32 $\frac{1}{4}$ sec. SE $\frac{1}{4}$ SE $\frac{1}{4}$

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

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 30 ft. to 30 ft. deep Type _____ Size _____

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: 26 feet _____ feet.

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

Pumping water level 28 feet at 10 gal. per min.

How tested: Well pumps a 550 gal. tank an hour

Length of test pumped continues for one day at a time over a period of years.

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

dug down to a gravel vein 3 feet in depth.

(over)

[illegible]

miss # 14688

22
23
24
25
26

GROUNDWATER INDEX

Page 1 of 1

County Phillips Twp. 28 N Rge. 33 E

[illegible]

File No. _____

T. 28^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

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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

N 6 1/4 - N 1/2 Sec. 2 T. 28 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 domestic & stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug. 15 - 1956
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 MS & NW 1/4 T. 28 R. 33
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 August 15 - 1956
8. The depth of water table 180 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well 5 in.
135 FT
10. The estimated amount of groundwater withdrawn each year 3,000,000 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

David Oke

Date

12-31-63

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

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

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

29305

Misc. 16005

237033

Phillips Co.

Filed 12-31-63

at 10:40 A.M.

Fee \$2.00

R. V. Maloney
Clerk & Recorder.

File No. _____

T. 28 R. 33

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:

2. The beneficial use on which the claim is based.
Stockwater and household use;

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

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

SE 1/4 NW 1/4 Sec. 4 T. 28 R. 33

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. 1925

8. The depth of water table. 100 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 well, 6" casing, 240 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

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.

29092

Misc #15790

236768

Filed: Dec. 30, 1963
Fee # 2.00
At: 3:15 P.M.

Rosalind M. Maloney
Clerk + Recorder

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 Ingvold Solberg

Address Malta,

Montana

Date well started May 19, 1970

completed May 20, 1970

Type of well drilled

Equipment used chain

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

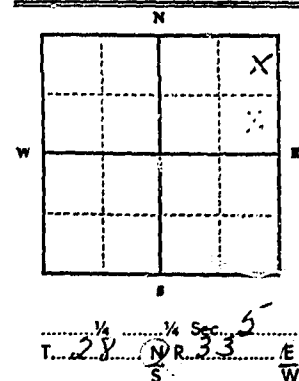
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

USE: If used for Irrigation, Industrial, drainage or other. Explain, state number of acres and location or other data (i.e. 1/4, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/2"	5" plastic	0	252	5/32 holes	200	252



Static water level 275 ft.*
Pumping water level 195 ft.*
at 15 gallons per minute,
measured minutes after pumping
began.
*Measured from ground level.
Well developed by balling
for 2 hours.
Power Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
gravel packed with small
gravel

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

Driller's Signature Robert C. Simpson

Driller's Address Box 906 Malta, Montana

LICENSE NO. 15

County Phillips

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	1	top soil
1	12	sandy brown clay
12	16	sandy sand
16	20	sandy yellow clay
20	28	sandy brown shale
28	40	sandy gray shale
40	44	brown shale
44	90	sandy gray shale
90	120	sandy brown shale
120	245	rock layer
125	135	dry sandstone
135	137	rock layer
137	150	brown shale
150	190	gray shale
190	195	brown shale
195	205	sandy brown shale
205	210	sandy shale some water
210	252	sandstone water

252 Show exact depth of bottom

46708

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 Ingvold Solberg

Address Malta,

Montana

Date well started May 19, 1970

completed May 20, 1970

Type of well drilled

(Dig, driven, bored or drilled)

Equipment used shur

(Cable drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

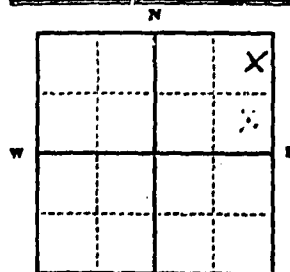
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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 150,000 to 225,000 Gal.

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" plastic	0	252	5/32 holes	200	252



Static water level 175 ft.*
Pumping water level 195 ft.*
at 15 gallons per minute,
measured minutes after pumping
began.

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

Power Pump HP

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

gravel packing with small
gravel

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

Driller's Signature Robert C. Simpson

Driller's Address box 906 Malta, Montana

LICENSE NO. 15

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	1	top soil
1	12	sandy brown clay
12	15	sandy clay
15	20	sandy yellow clay
20	25	sandy brown shale
25	30	sandy brown shale
30	40	brown shale
40	45	sandy gray shale
45	90	sandy brown shale
90	120	rock layer
120	125	dry sandstone
125	130	rock layer
130	135	brown shale
135	140	gray shale
140	150	brown shale
150	155	sandy brown shale
155	205	sandy shale some water
205	210	rock layer
210	252	rock layer

252 Show exact depth of bottom

46708

File No. _____

T. 28 N R. 33 E

DUPLICATE

County Phillips

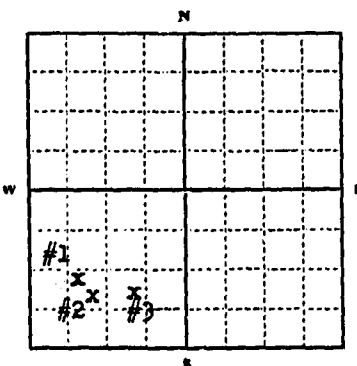
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 27 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, John C. Bruckner, 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 SW Sec. 6 T. 28 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 HOUSEHOLD
AND STOCKWATER
3. Date or approximate date of earliest beneficial use; and how continuous the use has been NO. 1--12 gal./min.
NO. 2--12 gal./min.
NO. 3--SPRING
4. The amount of groundwater claimed (in miner's inches or gallons per minute) _____
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof _____
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
NO. 1 and 2 electric pumping system
NO. 3 spring--self flowing
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No. 1 1957
No. 2 1957
8. The depth of water table 25 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
four inch casing--35 feet deep
10. The estimated amount of groundwater withdrawn each year 500,000 gallon
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 /s/ John C Bruckner

Date 12-31-63

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

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

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

33966

Misc 16041
237069

Phillips Co.
Filed 12-31-63.
at 11:12 A.M.
\$
Fee 2.00

R. V. Maloney
Clerk & Recorder.

File No. MONTANA WATER RESOURCES BOARD

DUPLICATE

RECEIVED

AUG 29 1967

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

T. 28N 33E 7

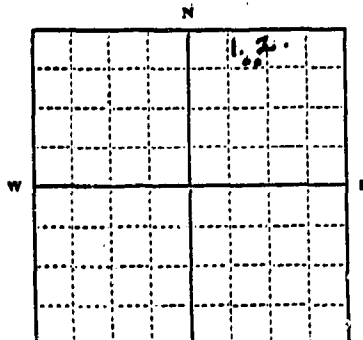
County Phillips

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ralph M. Bergsagel, of Box 355 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:



1. & 2.
 NW 1/4 Sec. 7, T. 28 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. 1. Domestic and stock & irrigation; 2. Domestic, stock and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1. 1960 2. 1924

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1. 50 gal. 2. 30 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. 1. 2 acres 2. 2 acres

6. The means of withdrawal such water from the ground and the location of each well or other means of withdrawal. 1. Electric pump, 2. Electric 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. 1960. 2. Begun and completed in summer of 1924.

8. The depth of water table. 1. 10 ft. 2. 13 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, steel culvert 30" diameter, 15 ft. deep. 2. Hand dug, plank curbing, 4" diameter, 15 ft. deep.

10. The estimated amount of groundwater withdrawn each year. 1. 400,000 gallons, 2. 300,000 gal.

11. The log of formations encountered in the drilling of each well if available. 1. 13' soil, 2' gravel 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 Ralph M. BergsagelDate Aug. 28, 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.

42,241