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

File No. .....

T. 36 N R. 29 E

DUPLICATE

County Phillips

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED DEC 30 1963 STATE ENGINEER

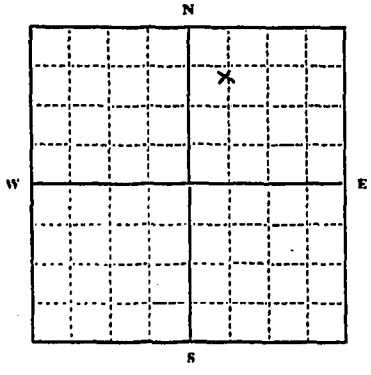
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ivar Johannesen (Name of Appropriator), of Loving (Town) (Address)

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. 21 T. 36 R. 29

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: July 26, 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 8 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: Submersable Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 31, 1963 July 26, 1963

8. The depth of water table: 240 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" Steel Casing 370 feet deep

10. The estimated amount of groundwater withdrawn each year: 365,000

11. The log of formations encountered in the drilling of each well if available: 0-2' bn sandy clay - 2-45 gravel clay boulders - 45-185 blue clay some boulders - 185-225 blue shale, 225-235 sandstone 235-237 Rock layer 237-250 Sandstone - 250-260 Blue shale - 260-285 Sandstone, 285-290 Sandstone, 290-315 Grey Sandstone, 315-317 Rock layer - 317-360 sandstone - 360-370 gray 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

Signature of Owner: Ivar Johannesen

Date: 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.

15545

Misc # 15684

236649

State of Montana,
County of Phillips, } ss.

Filed for Record this 27 day
of Dec A. D. 1963 at 4:15
o'clock P.M. and duly Recorded in book
..... Page .....
Rosaline W Maloney
..... County Recorder
By .....
Fee $2.00
Return: .....

G

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

File No.

T. 36 N R. 21 E

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

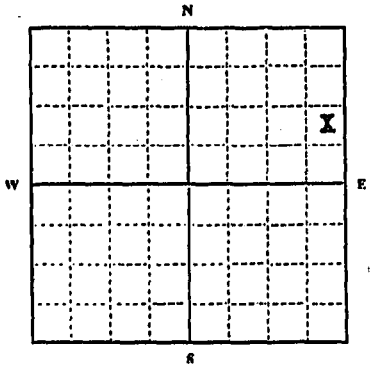
RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ~~Ivan~~ Iven Johannesen (Name of Appropriator), of Loring (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:



SE¼ NE Sec. 23 T. 36 R. 29
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
Household Livestock and irrigation of garden

3. Date of approximate date of earliest beneficial use; and how continuous the use has been February 10, 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 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
1/4 acre garden in SENW

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Feb 2, 1962 Completed Feb 10, 1962

8. The depth of water table 190 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" steel casing 245 feet deep

10. The estimated amount of groundwater withdrawn each year 1,050,000

11. The log of formations encountered in the drilling of each well if available 82' clay and rocks, 91' blue rock layer, 145' Brown shaly sandstone, 172' grey shaly sandstone, 183' grey shale, 190' grey shaly sandstone & some coal, 203' grey shaly ~~[illegible]~~, 207' grey sandstone, 212 grey shale, 219' grey shaly sandstone, 242 grey sandstonewater, 245 grey shale.

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

Signature of Owner Iven Johannesen
Date 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.

15546

Misc #15685

236650

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

Filed for Record this 27 day of Dec A. D. 1963 at 4:20 o'clock P.M, and duly Recorded in book ... Page ... of ...

Rosalene U Maloney County Recorder

By .....

Fee $2.00

Return: .....

GW

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

33

File No.

T. 36 N R. 29 E

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964
STATE ENGINEER

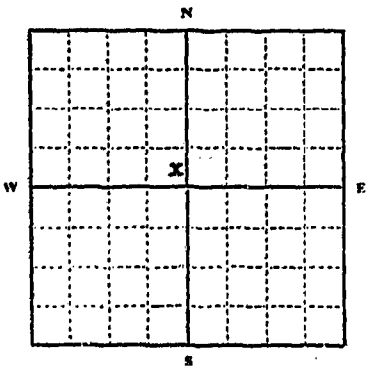
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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

County of Phillips State of Montana

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



SESE ¼ NW Sec. 33 T. 36 R. 29

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

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

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

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

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

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

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

8. The depth of water table 32 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, 42 ft. deep

10. The estimated amount of groundwater withdrawn each year 350,000 gallons

11. The log of formations encountered in the drilling of each well if available unknown

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

Signature of Owner [signature]

Date December 30, 1963

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

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

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

29124

Misc # 15824

236802

Filed: Dec. 30, 1963
At: 3:49 P.M.
Fee $ 2.00

Rosamond McCauley
Clerk + Recorder

GROUNDWATER INDEX

County Phillips Twp. 36-N Rge. 30-E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	Arnold Hellie	GW4	234270	
9	Andrew Hellie	1957	217053	
30	Leonard E. Wingert	GW4	234196	
32	Leonard E. Wingert	GW4	234195	

Helena Independent Record

File No.

DUPLICATE

T. 36 R. 30

County Phillips

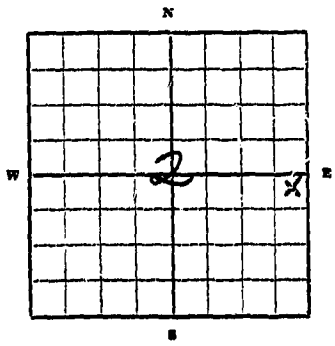
RECEIVED MAR 15 1963 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arnold Hellie (Name of Appropriator), of Whitewater (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 ¼ of NE Sec. 2 T. 36 R. 30

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 1952. used since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal per min.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 1952 — June 1952

8. The depth of water table 90 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., 170 ft deep.

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

11. The log of formations encountered in the drilling of each well if available Judith 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 Arnold Hellie

Date Mar. 22, 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.

402

Misc # 15356

234270

State of Montana,
County of Phillips, } ss.

Filed for Record this 22 day
of March A. D. 1963 at 11:55
o'clock A.M, and duly Recorded in book
..Page.....of.....
Rosaline H. Maloney Clerk and Recorder
By.....
Fee $2.00
Return.....

9

T. 36 R. 30

County Phillips

RECEIVED
DEC 1957
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG

Owner Andrew Hellie Address Loring, Montana

Driller Carl Palm Address Saco, Montana

Date Started November 27, 1957 Date Completed Dec. 18, 1957

Location: Sec. 9 T. 36 R. 30 ¼ sec. NE¼SE¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: Ground ft. to 61 ft. Type Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 38 to ft. 41 Ft. to ft.

Type of screen or perforations 1/8 X 6"

Static Water level, for non-flowing well: 20 feet.

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

Pumping water level 50 feet at 9 gal. per min.

How tested: Bailer

Length of test 1 hr. each time

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
	20'	Clay, Gravel & Boulders
	20'	Blue Clay
	1'	Water, Sand & Gravel
	19	Shale

217053

State of Montana } ss.
County of Phillips }
Filed for Record this 27 day
of November A. D. 1953 at 3:45
o'clock P.M. and duly Recorded in book
.....of.....Page.....
.....County Recorder
By.....
Fee.....
Re.....

Mic. #14687

Helena Independent Record

30

File No.....

T. 36 R. 30

County. Phillips

DUPLICATE

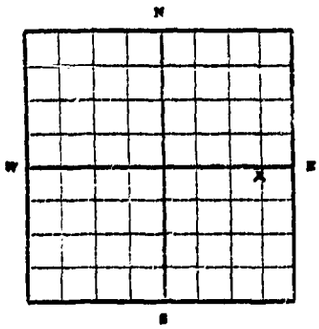
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 1 1 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



.....¼..... Sec 30 T 36 R 30

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 Home & livestock. Fire prevention

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920 Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 Garden & yard 1 acre near well

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater About 1920

8. The depth of water table Don't Know

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 230 ft. drilled 5 & 6 inch Casing

10. The estimated amount of groundwater withdrawn each year 160,000 gallon

11. The log of formations encountered in the drilling of each well if available Don't Know

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 Leonard E. Wingert

Date 2-12-63

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.

3661

Misc # 15347

234196

State of Montana,
County of Phillips, } ss.

Filed for Record this 12 day
of March A. D. 1963 at 10:20
o'clock A M, and duly Recorded in book
Page ..... of .....
Rosalene M Maloney County Recorder
By .....
Fee $2.00
Return: .....

4—Helena Independent Record

32

File No.....

T. 36 R. 30

County Phillips

DUPLICATE

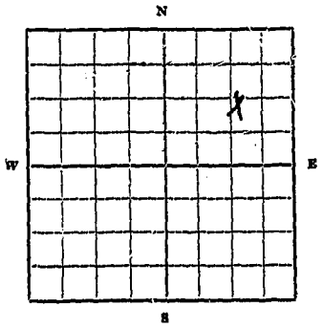
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 13 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



.....¼..... Sec. 32 T. 36 R. 30
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 1920 periodic. mostly dry summers

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater About 1920

8. The depth of water table Don't Know

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 About 180 ft. deep drilled & 6 in. iron casing

10. The estimated amount of groundwater withdrawn each year 100,000 gal. (dry summers)

11. The log of formations encountered in the drilling of each well if available Don't Know

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 Leonard E. Wingert
Date 2-12-63

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.

3880.

Misc # 15346

234195

State of Montana,
County of Phillips, } ss.

Filed for Record this 12 day
of March D. 1963 at 10:15
o'clock A.M. and duly Recorded in book
Page ..... of .....
Rosalind M. Maloney Recorder
By .....
Fee $2.00
Returns .....

GROUNDWATER INDEX

County Phillips Twp. 36 - North Rge. 31 - East

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
7	Ray McMullen	GW2	254702	
7	Leonard McMullen	GW4	231295	
13	James Murdock	GW4	237122	

News, Malta

File No. _____ RECEIVED

T 36 N R 31 E 7

DUPLICATE

FEB 3 1977

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0-1	Top of Ground top soil
1-15	brown clay (Elev. above sea level)
15-47	brown clay
47-85	blue clay
85-108	blue sand
108-117	blue clay & gravel
117-119	gravel & water

Owner Ray McMullen Address Whitewater

Driller R.C.Simpson Address Malta

Date of Notice of appropriation of ground water Nov.22,1971

Date well started Nov.12,71 Date Completed Nov.23,71

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

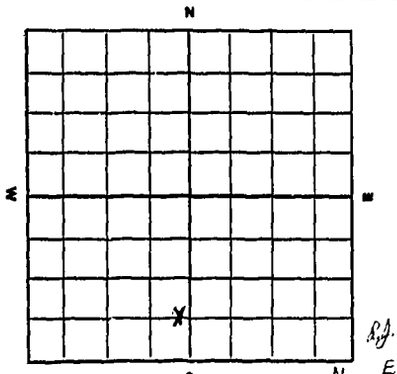
Doc. No. M32776845, 254702
Filed for record this 1st day of February A.D. 1972, at 1:25 o'clock P.M.

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)
6inch	5in. I.D. 15 lbs.	0	119			

Est. annual withdrawal 250,000 gallons



SW ¼ Sec. 7 T 36 N R 31 E

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

Static Water Level for non-flowing well 78 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 86 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested bailing

Length of Test 2 hours

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

Show exact depth of bottom.

15
Driller's License Number

R. C. Simpson
Driller's Signature

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

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

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

49,811

File No. _____ RECEIVED

FEB 3 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

T 36 N R 31 E

County Phillips

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

	Top of Ground
0-1	top soil
1-15	brown clay or gravel
15-47	brown clay
47-85	blue clay
85-108	blue sand
108-117	blue clay & gravel
117-119	gravel & water

Owner Ray McMullen Address Whitewater

Driller R.C.Simpson Address Malta

Date of Notice of appropriation of ground water Nov.22,1971

Date well started Nov.12,71 Date Completed Nov.22,71

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

Doc. No. 1031-76345, 258702
Filed for record this 1st day of February A.D. 19 72, at 1:25 o'clock P.M.

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 wells.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	Perforations Kind Size	From (Feet)	To (Feet)
6inch	5in. I.D. 15 lbs.	0	119			

Est. annual withdrawal 250,000 gallons

Static Water Level for non-flowing well 78

Shut-in Pressure for Flowing Well _____

Pumping Water Level 86 feet

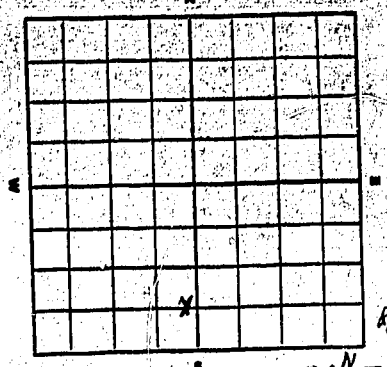
at 8 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested bailing

Length of Test 2 hours

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



SW ¼ Sec. 7 T. 36 N R. 31 E

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

Show exact depth of bottom.

15
Driller's License Number

R. C. Simpson
Driller's Signature

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

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

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

49,811

Misc # 16845

254702

STATE OF MONTANA
County of Phillips } ss.

Filed for Record this 1 day of Feb. A. D. 1972 at 1:25 o'clock P M. and duly Recorded in Book 4 Page 1 of Mortgages

County Recorder

By

Fee: 2.00 Return: filed

PHILLIPS COUNTY

MALTA, MONTANA
59538

March 5, 1969

Water Resources Board
Sam Mitchell Bldg.
Helena, Montana
Dear Sirs:

We have a correction on an old Declaration of Vested Water Rights as follows:

Our Misc. No. 15227, Doc. No. 231295
Leonard McMullen, Whitewater, Montana
Well location corrected from SE¼SE¼ Sec. 7-36-31
to SW¼SE¼ Sec. 7-36-31

Very truly yours,

Rosalene V. Maloney

Rosalene V. Maloney
Clerk and Recorder
Malta, Montana 59538

Misc. 15227 was filed here March 30, 1962

Helena Independent Record

File No.....

T 36 R 31

DUPLICATE

County PHILLIPS

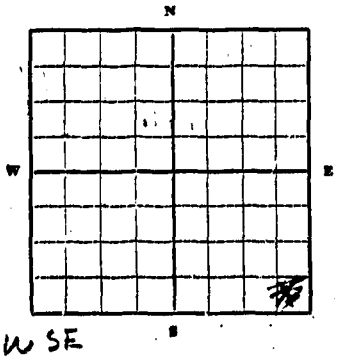
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED APR 2 1962 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. LEONARD McMULLEN (Name of Appropriator), of WHITEWATER (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 SE

SE SE ¼ Sec. 7 T 36 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 WATER AND GARDEN IRRIGATION

3. Date or approximate date of earliest beneficial use; and how continuous the use has been MARCH 12 1946 IN USE CONTINUSLY

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof ½ ACRE IN SE CORNER OF SECTION 7 T 36 R 31

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP 1¼ IN PIPE 2½ IN CYLINDER LIFT OF 108½ FT

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater COMMENCED MARCH 8 1946 COMPLETED MARCH 12 1946

8. The depth of water table 78 FT

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRILLED 4 IN CASEING 108 FT DEEP WINDMILL AND ELECTRIC MOTOR

10. The estimated amount of groundwater withdrawn each year 252 000 GAL

11. The log of formations encountered in the drilling of each well if available 0-40 FT BROWN CLAY AND ROCKS 40-55 SANDY BROWN CLAY 55-70 SANDY BLUE CLAY 70-79 LARGE BOULDER 79-90 SANDY BLUE CLAY 90-100 SAND BROWN CLAY 100-107 HARDPAN MUDDY SAND 107-108 SAND SOME GRAVE AND WATER

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NO RECORD

Signature of Owner Leonard McMullen

Date March 22 1962

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

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

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

178.

Mile "15227

231295

State of Montana,
County of Phillips, } ss.

Filed for Record this 30 day
of March A. D. 196701 11:50
o'clock A M, and duly Recorded in book
page of
Rosalene M Mahoney County Recorder
By
Fee 3.00
Return

OW -

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

File No. .....

T 36 N R 31 E

DUPLICATE

County Phillips

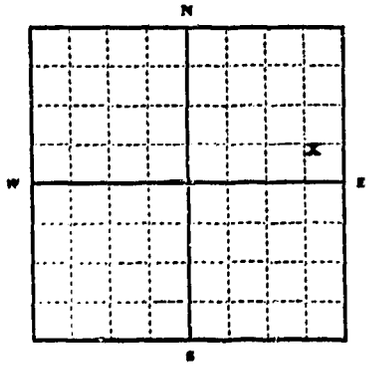
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 27 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James Murdock (Name of Appropriator), of (Address) Whitewater (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 ¼NE Sec. 13 T. 36 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 1948 continuous
replaces one dug in 1910

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal. per min.

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

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

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

8. The depth of water table 8 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled, 6 in. steel casing, 88 ft.

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 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/ James A. Murdock

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.

34018

Misc 16094
237122.

Phillips Co.

Filed 12-31-63.

at 1:01 P.M.

Fee $ 2.00.

R. V. Maloney
Clerk & Recorder.

GROUNDWATER INDEX

County Phillips Twp. 36-N Rge. 32-E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
5	Robert & Francis Anderson	GW4	236622	
7	James A. Murdock	GW4	236818	
13	Helen M. Mavencamp	GW4	236908	
18	James A. Murdock	GW2	253065	
23	Milton J. Olsen	GW4	236763	
26	Russell Brown	GW2	240206	

GV.

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

File No.

T 36 N R 32 E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

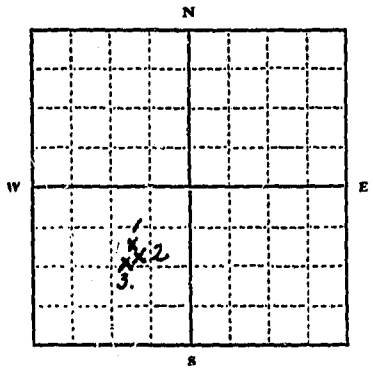
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert & Francis Andrews, of Whitewater, Mont.
(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 ¼ SW Sec. 5 T 36 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 #2 Stock water & 3. Home

3. Date or approximate date of earliest beneficial use; and how continuous the use has been #1-1915 #2-1921 #3-1949

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1. 10 gal per min 2. same 3. same

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 3. 1/4 acre lawn & garden.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal #1- pump jack. #2- pump jack #3- pump jack

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1. 1915 2. 1921 3. Oct 1949

8. The depth of water table #1- 20 ft. #2- 6 ft #3- 20 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 4'x16'-24 ft. deep. wood casing hand dug 2. 4'x8' hand dug wood casing 10 ft deep. 3. 4'x4' hand dug, wood casing 24 ft. deep

10. The estimated amount of groundwater withdrawn each year 1. 800,000 gallons 2. 600,000 gal. 3. 365,000 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 Francis Andrews

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.

18008

Misc # 15705

236672

Filed: Dec 30, 1963
At: 10:35 A.M.
Fee $ 2.00

Rosalene W Maloney
Clerk + Recorder

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234 7

File No.

T. 36N R. 32E.

DUPLICATE

County Phillips

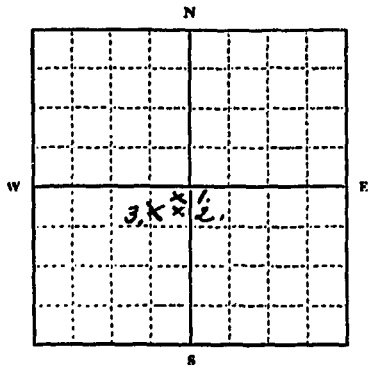
RECEIVED JAN 10 1964 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James A. Murdock (Name of Appropriator), of Lustre (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 NE¼ SW¼ Sec. 7 T. 36 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 1. House & stock 2. Stock 3. Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1. 1947 2. 1948 3. 1948 3 wells drilled in 1912

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1. 15 gal per min. 2. same 3. same

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. also used to irrigate 4 acre garden & lawn same description.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1. 1947 2. 1948 3. 1948.

8. The depth of water table 1. 6 ft. 2. 6 ft. 3. surface.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1. Drilled 6 in steel casing 25 ft deep 2. Drilled 6 in steel casing 56 ft deep 3. Drilled 6 in steel casing 50 ft. deep.

10. The estimated amount of groundwater withdrawn each year 1. 800,000 gal. 2. 900,000 gallons 3. 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 James A. Murdock

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.

29140

Misc # 15840

236818

Filed: Dec. 30, 1963
At: 4:09 P.M.
Fee $ 2.00

Rosalind M. Maloney
Clerk + Recorder

G

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No.....

T. 36 N R. 32 E

DUPLICATE

County Phillips

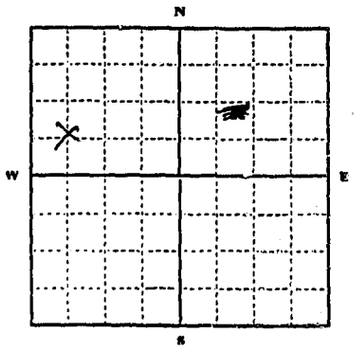
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Helen M. Mavencamp, of Whitewater
(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 ¼ NE Sec. 13 T. 36N R. 32E

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 k at least 25 years

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

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

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 unknown, at least 25 years

8. The depth of water table 15 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 3 feet in diameter, 60 feet deep

10. The estimated amount of groundwater withdrawn each year 5,000,000

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

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

Signature of Owner Helen M. Mavencamp

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.

2980

Misc 15980

256908

Filed Dec 31, 1963
8:39 A.M

Fee $ 2.00

R.V. Maloney
Clerk & Recorder

Mise 15980

236908

Filed Dec 31, 1963
8:39 A.M

Fee $ 2.00

R.V. Maloney
Clerk & Recorder

RECEIVED
APR 20 1971
RECEIVED
APR 20 1971

News, Malta

File No. .....

T 36N R 32E 18

County Phillips

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0	10	brown clay & gravel
10	14	brown clay rocks
14	55	brown clay
55	55	light brown sand
55	60	blue clay
60	78	sandy blue clay
78	92	blue clay & rocks
92	111	blue clay some gravel
111	112	gravel water

Top of Ground

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

Owner James Kurdesk Address Whitewater, Montana

Driller Simpson Drilling Co Address Malta, Montana

Date of Notice of appropriation of ground water .....

Date well started March 29, 1971 Date Completed April 6, 1971

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

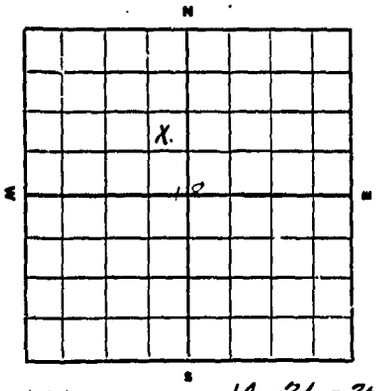
Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

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	5" 14#	0	112	none		

estimated annual withdrawal 900,000 gallons

Filed for record this 16 day of April A. D. 19 71, at 3:30 o'clock P. M.
Doc. No. 253065



NE SE NW ¼ Sec 18 T 36N R 32E

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

Static Water Level for non-flowing well 1½ gpm 18" above ground feet.

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

Pumping Water Level 60 feet at 10 gal. per minute.

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

How Tested bailer

Length of Test one hour

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

Show exact depth of bottom.

15
Driller's License Number

Robert A. Simpson
Driller's Signature

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

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

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

48372

W/W Log
Misc 7 6790

253065

STATE OF MONTANA }
County of Phillips } ss.

Filed for Record this 16th day of
April A.D. 19 77 at 3:20
o'clock P.M. and duly Recorded in Vol
Deputy County Recorder
By
Fee: $2.00 Return: file d

GF

Approved Stock Form—State Publishing Co., Helena, Montana—41921

23

File No.

T 36 N R 32 E

DUPLICATE

County Phillips

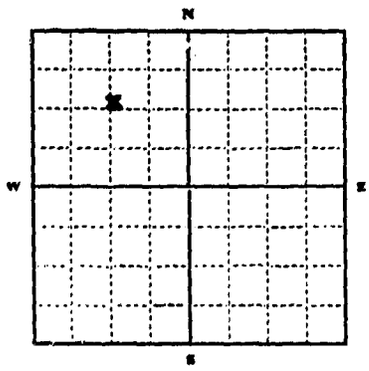
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Milton J. Olsen (Name of Appropriator), of Whitewater (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:



SW¼ NW¼ Sec. 23 T. 36 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 Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since 1940

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 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 jet pump;

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1940

8. The depth of water table 30 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Hand dug, 2 ft. in diameter, 40 ft. 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 Milton J. Olsen

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.

29.81

Misc # 15785

236763

Filed: Dec. 30, 1963
Fee # 2.00
At: 3:10 P.M.

Rosalind M. Maloney
Clerk + Recorder

News, Malta

File No. _____

T. 36 N R. 32 E 26

County Phillips

DUPLICATE

Top of Ground

(Elev. above sea level _____)

0	45	brown clay
45	57	blue clay
57	68	sand clay & gravel
68	180	blue shale
180	184	shaley sandstone
184	270	grey ######### shale
270	330	grey sandstone water

Show exact depth of bottom.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 11 1965
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Russell Brown Address Whitewater, Montana

Driller Simpson Drilling Co Address Malta, Montana

Date of Notice of appropriation of ground water _____

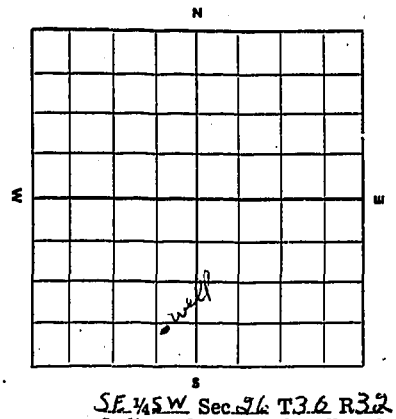
Date well started November 5 '64 Date Completed Nov 25, 64

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

Water use: Domestic [x] Municipal [ ] Stock [x] 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, cte. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6	5 13 lb	-6	279			
	4" 11 lb	279	330	5/32 holes	279	330



SE ¼ SW Sec. 26 T 36 R 32

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

Static Water Level for non-flowing well 215 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 240 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested bailer

Length of Test 2 hours

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

15
Driller's License Number

Robert C. Simpson
Driller's Signature

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

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

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

39002

Misc # 16349

240206

State of Montana,
County of Phillips, } ss.

Filed for Record this 10 day
of March A. D. 1965 at 1:20
o'clock P. M. and duly Recorded in book
..... Page .....

Rosaline Maloney
..... County Recorder

By .....

Fee $3.00

Return: .....

GROUNDWATER INDEX

County Phillips Twp. 36-N Rge. 33-E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
7	Helen M. Moravcamp	GW4	236909	

Helena Independent Record

File No.....

DUPLICATE

T. 36N R. 33E

County Phillips

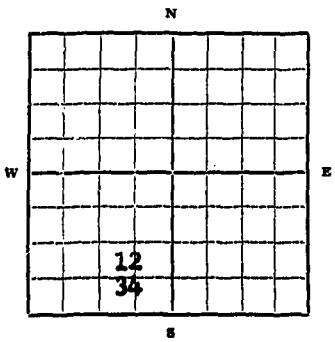
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Helen M. Mavencamp (Name of Appropriator), of Whitewater (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:



SE¼SW Sec. 7 T. 36 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 4 wells stock & domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been #1- 1932; #2 - 1932; #3- 1932; #4- 1951

4. The amount of groundwater claimed (in miner's inches or gallons per minute) #1- main stock well - 5 gpm; #2,3,4 -approx. 3 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 pumps on #'s 1,2,3,4

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #1- 1932; #2- 1932; #3; 1932; #4- 1951

8. The depth of water table 3 feet on all 4 wells

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 all hand dug; 20 feet deep; #1- 6'x10' in width & length; # 2, 3, & 4 16 to 20 feet deep;

10. The estimated amount of groundwater withdrawn each year #1- 5,000,000 gals
#'s 2,3 & 4 - each 500,000 gals

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 Helen M. Mavencamp

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.

29181

Misc. # 15881

236909

Filed Dec 31, 1943
at 8:40 A.M.
Fee $2.00

R. V. Mahoney
Clerk & Recorder

GROUNDWATER INDEX

County Phillips Twp. 35-N Rge. 27-E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
5	Anna E. Bassett	GW4	235528	
24	Harold C. Maloney	GW4	235358	

Approved Stock Form—State Publishing Co., Helena, Montana—39089 5

File No. .....

T. 35 N R 27 E.

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

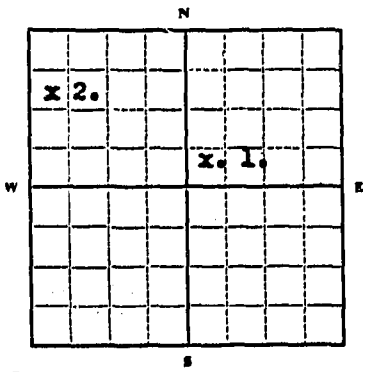
RECEIVED
SEP 18 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Anna E. Bassett, of Turner, Turner
(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. SWSWNE¼
2. SWNWSW Sec. 5 T. 35 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 1. Domestic and stock 2. Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1. 1912, continuous 2. 1912 and is not used now.

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 1. about 1 acre of garden and trees 2. none

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1. and 2. summer of 1912

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

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1. hand dug, 30" diameter, 30 feet deep wood casing. 2. hand dug, 30" diameter, 30 feet deep. wood casing

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

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

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

Signature of Owner Anna E. Bassett

Date August 19, 1963

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

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

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

5945

Misc 15431

235528

State of Montana,
County of Phillips, } ss.

Filed for Record this 17 day
of Sept A. D. 1973 at 4:00
o'clock P. M, and duly Recorded in book
Misc of 15431
Rosalene W. Mahoney Recorder
By
Fee $2.00
Return

GV.

Approved Stock Form—State Publishing Co., Helena, Montana—41338

C. 24

File No.....

T. 35 R. 27

County Phillips

DUPLICATE

SW

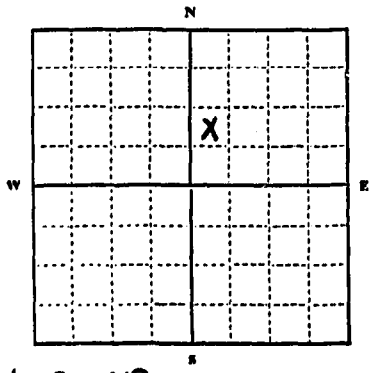
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 28 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NW SW NE ¼ Sec. 24 T. 35 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 Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1889 Continuous

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Spring 1889.

8. The depth of water table surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6' square by 8' deep. Plank curbing

10. The estimated amount of groundwater withdrawn each year 1,576,800

11. The log of formations encountered in the drilling of each well if available all gravel

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

Signature of Owner Jerry C. Maloney

Date August 27, 1963

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

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

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

5572

Misc # 15423

235358

State of Montana, } ss.
County of Phillips,

Filed for Record this 27 day
of Aug A. D. 1963 at 11:25
o'clock A.M. and duly Recorded in book
..... page ..... of .....
Rosaline M. Maloney County Recorder
By .....
Fee $2.00
Return: .....

GROUNDWATER INDEX

County Phillips Twp. 35-N Rge. 28-E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	Watkins Ranch	GW4	236867	
2	Watkins Ranch	1958	217433	
11	Albert H. Flansaas	GW4	236665	
13	Mrs. Bertha Flansaas	GW4	235107	
13	John Flansaas	GW2	248145	
25	J. E. Lang & Rita Lang	GW4	236593	
25	J. E. Lang & Rita Lang	GW4	236594	
25	J. E. Lang & Rita Lang	GW4	236595	

Gv

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

File No.

T. 35 N R. 28 E

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 1 ... STATE ENGINEER

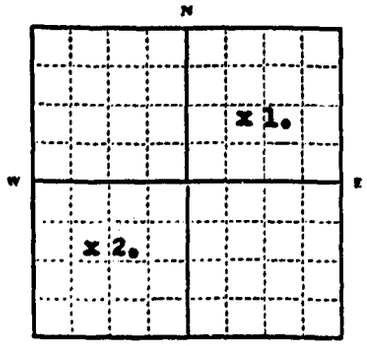
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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

County of Phillips State of Montana

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



1. NESW of NE 2-35-28
2. SENW SW Sec. 2 T. 35 R. 28

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1. 1958 continuous 2. 1950 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1. 9 gallons per min. 2. 3 gals. per min.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1. gas engine and pump 2. same & windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1. 1-5-58 - 1-7-58 ; 2. Fall 1950

8. The depth of water table 1. 10 ft. 2. 130 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. drilled, 6in. steel casing, 47 ft. deep. 2 Drilled, 6 in. casing, steel, 160 ft. deep

10. The estimated amount of groundwater withdrawn each year 1. 300,000 gallons, 2. 100,000 gal.

11. The log of formations encountered in the drilling of each well if available (No. 1) 0-2 top soil, 2-6 Clay and gravel ; 6-12 sandy clay, 12-25 clay and gravel 25-40 sandy clay, 40-46 water sand and gravel 46-47 gravel and water. 2. similiar for this depth, rest unknown.

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

Signature of Owner [signature]

Date December 30, 1963

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

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

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

29128

Misc # 15829

236807

Filed: Dec 30, 1963
at: 3:58 P.M.
Fee $ 2.00

Rosalee Williamson
Clerk + Recorder

RECEIVED
JAN 2 0 1958
STATE ENGINEER

2

T. 35 R. 28

County Phillips

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Sec 2 - 35 - 28

		X	

Owner Hawkins Ranch Address Loring Mont

Driller Carl Sahm Address Havre, Mont

Date Started Jan 5-58 Date Completed Jan 7-58

Location: Sec. 2 T. 35 R. 28 ¼ sec. NW NE

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

Water use: Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: Top ft. to 47 ft. Type STEEL Size 6" OD

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 40 feet at 9 Gal gal. per min.

How tested: Dip

Length of test

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

(over)

Misc # 14706

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	2	Top Soil
2	6	Clay, gravel
6	12	Sandy Clay
12	25	Clay, gravel
25	40	Sandy Clay
40	46	Water-Sand, gravel
46	47	Gravel, Water

217433

State of Montana,
County of Phillips, } ss.

Filed for Record this 28 day of June A. D. 1958 at 11:45 o'clock A.M. and duly Recorded in book ..... Page ..... of .....

..... County Recorder

Fee .....

Return: .....

G

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

File No.

T. 35 R. 28

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

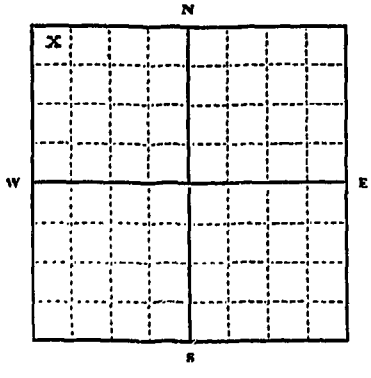
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Albert G. Flansaas (Flansaas), of Loring (Town)
(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:



NWNW ¼ NW Sec. 11 T. 35 R. 28

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

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

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

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal free flowing developed spring.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater developed about 1915

8. The depth of water table 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 4 ft. by 4 ft. square, wood casing, 2 ft. deep, pipe leads from the bottom.

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

11. The log of formations encountered in the drilling of each well if available gravel all way

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

Signature of Owner Albert G. Flansaas

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.

18001

Misc # 15698

236665

Filed. Dec. 30, 1963
at: 10.00 A.M.
Fee $2.00

Rosalene M. Maloney
Clerk & Recorder

CLERK & RECORDER

C

Approved Stock Form—State Publishing Co., Helena, Montana—39089

13

File No.....

T 35 R 28

DUPLICATE

County PHILLIPS

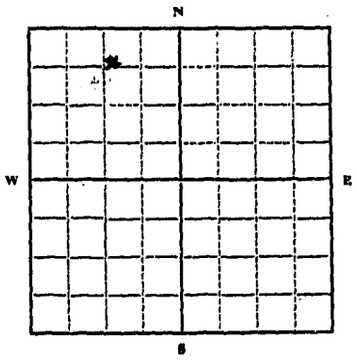
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 15 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. MRS. BERTHA FLANSAAS, of LORING, 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:



NE ¼ NE Sec. 13 T. 35 R. 28

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

2. The beneficial use on which the claim is based STOCK AND DOMESTIC

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915 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 NO

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater SUMMER 1915

8. The depth of water table 37 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; STARTING AT THE TOP 15 FT. OF 2 FT. DIAMETER STEEL PIPE SET IN CONCRETE; REMAINDER OF CURB 26 FT. OF 3½ FT. ROUND WOOD CURB. DEPTH 41 FT. (DIAMETER)

10. The estimated amount of groundwater withdrawn each year 400,000 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. No

Signature of Owner Bertha Flansaas

Date July 15 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.

5026

Misc #15410

235107

State of Montana,
County of Phillips, } ss

Filed for Record this 15 day
of July A. D. 1963 at 10:15
o'clock A.M. and duly Recorded in book
Page 9 of
Roselowell Maloney County Recorder
By
Fee 2.00
Returns

File No. 2002

News, Malta

T 35 N R 28 E 13

County Phillips

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level _____)

0	½	gravel & clay
½	3	sandy brown clay
3	3½	gravel & clay
3½	28	sandy brown clay
28	37	gravel & clay some water
37	80	dark shale
80	85	grey shale
85	90	grey sandstone
90	180	grey shale
180	182	brown shale
182	190	grey shale
190	250	sandstone & shale layers water

Show exact depth of bottom.

Owner John Flansaas Address Loring Montana

Driller Simpson Drilling Co Address Malta, Montana

Date of Notice of appropriation of ground water _____

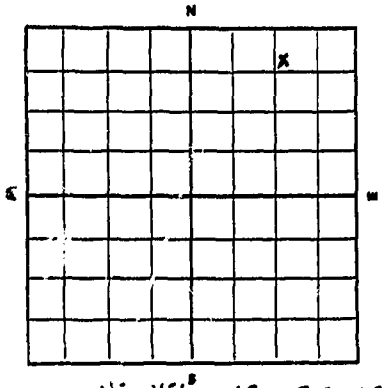
Date well started July 22, 1968 Date Completed Sept 3, 1968

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6	4" 11#	0	250	5/32 holes	190	250



NE ¼ NE ¼ Sec 13 T 35 R 28

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

Static Water Level for non-flowing well 165 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 175 feet at 12 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) gravelled packed 150 to 250 ~~sealed with bentonite on top~~ of gravel pack

15
Driller's License Number

Robert C. Simpson
Driller's Signature

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

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

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

44,560

Misc. # 16585

248145

State of Montana,
County of Phillips,
Filed for Record this 13th day
of Sept. A. D. 1988
o'clock A M, and duly recorded in book
Page of
Rosalene M McLaughlin County Recorder
By
Fee 2.00
Return

RECEIVED
MONTANA WATER RESOURCES BOARD
SEP 12 1988

C—Helena Independent Record

File No.....

DUPLICATE

T. 35 N R. 28

County Phillips

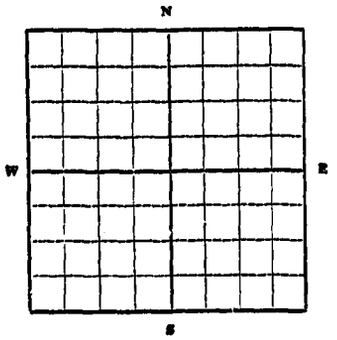
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. J.E. Lang and Rita Lang, 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:



NW¼SW¼ Sec. 25 T. 35 R. 28

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

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

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) 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 None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1930

8. The depth of water table 23 feet, hand dug,

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, 40 feet, 4" casing

10. The estimated amount of groundwater withdrawn each year enough to water 400 head of cattle

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 None

Signature of Owner J.E. Lang Rita Lang

Date December 18, 1963.

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

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

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

13649

Misc # 15637

226593

Filed: Dec. 26, 1963
At: 3:10 P.M.
Fee $2.00

Rosalind W. Maloney
Clerk & Recorder

GW

Approved Stock Form—State Publishing Co., Helena, Montana—41338

File No.....

T. 35 N R. 28

DUPLICATE

County Phillips

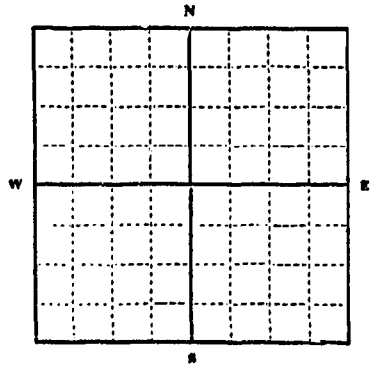
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. J. E. Lang and Rita Lang, 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:



NW¼SW¼ Sec. 23 T. 35 R. 28.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since 1933

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1933

8. The depth of water table 29 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 concrete curb 400 feet deep
300,000 gallons

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

11. The log of formations encountered in the drilling of each well if available unknown

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

Signature of Owner J. E. Lang
Rita Lang

Date December 16, 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.

13650