

File No.....

T. 25 N. 51 E.

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1916

Owner Lloyd L. Lanier address Poplar, Mont

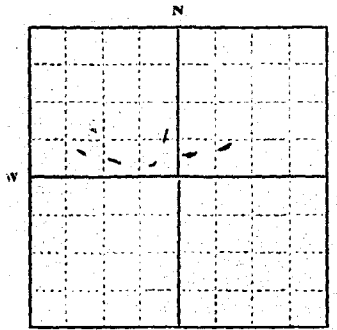
Contractor (if any) NONE

Address of Contractor

Date Started..... Date Completed.....

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

Natural Processes



NE
NW 1/4 Sec. 7 T25 R57

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

Summer Months

1,000,000 (approximate)
gallons

Signature of Owner Lloyd L. Lanier

Date Dec 30 - 1963

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

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

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

286267
STATE OF MONTANA, No. 286267
County of Richland

Filed this 30
December 1963
at 7:28 o'clock P.M.
E. J. Kasper
County Recorder

John Sturke
Deputy

file 200
filed

G1

File No.

T. 25 N. R. 51 E
County Richland

DUPLICATE

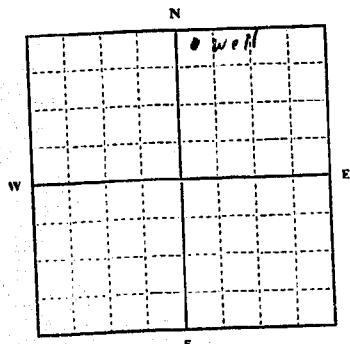
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NE 1/4 Sec 10 T. 25 R. 51

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.....
1910
- 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.....
pump and windmills

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
Well 1910 windmill 1938
- 8. The depth of water table.....
unknown
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
Dug by Hand 18" casing depth 40'
- 10. The estimated amount of groundwater withdrawn each year.....
75,000 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.....
nothing available

Signature of Owner Vernon King
Date Dec 25, 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. 29540

286241

STATE OF MISSISSIPPI

FILED 30 DAY OF
December 1963
at 2:36

E. L. Hooker
Helen Dierke
Deputy

Fee 2.00
filed

10

File No.

T 25 N R 51 E

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1910

Owner Verner King Address Poplar Mont

Contractor (if any) Dam, 1946 Richland Co

Address of Contractor Sidney Mont ^{scs}

Date Started 1946 Date Completed 1946

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

From pond until 1946
Dam Built in 1946
Depth 12'

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

Used during summer
7 months
To water 100 cattle

Signature of Owner Verner King

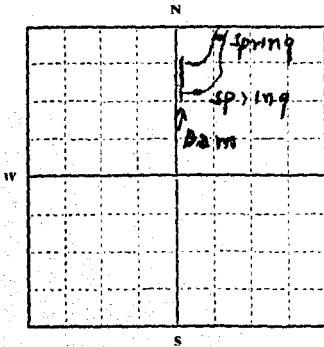
Date Dec 28 1963

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

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

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



NF 1/4 Sec. 10 & 5 E. 1.
Indicate point of appropriation and place of use, if possible.

29542

286243

STATE OF MONTANA,)
County of _____) ss.

December 30 day of
1962

E. L. Kasper
Heber Durke
Deputy
for \$2.00
filed

File No.

T. 25 N. R. 52 E.

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER
RECEIVED
DEC 23 1963

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 287, Montana Session Laws, 1961)

Owner Myrtle Garton Address Richey, Mont.

Driller..... Address.....

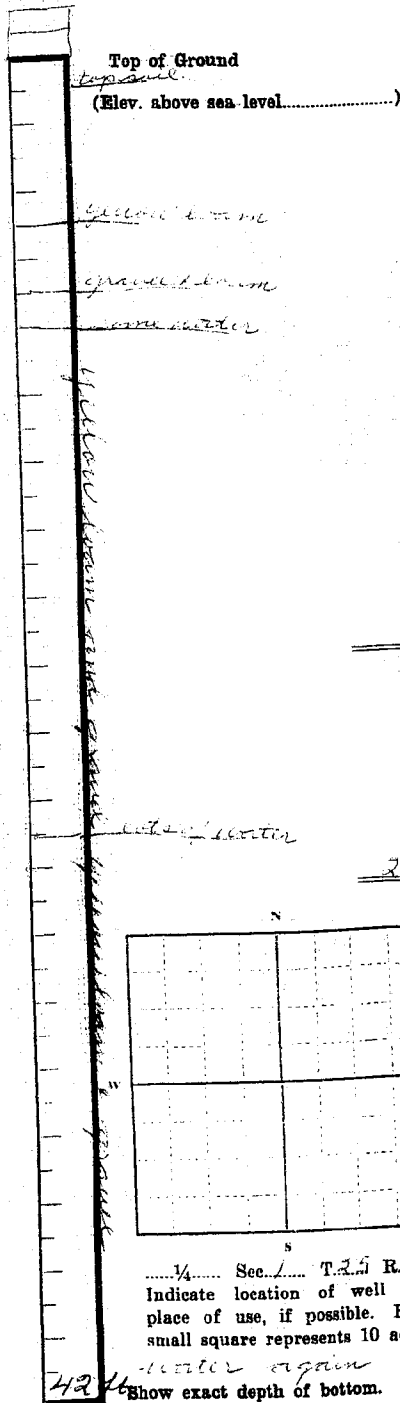
Date of Notice of Appropriation of Groundwater.....

Date well started Nov. 15-63 Date Completed Nov. 18-63

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
2 1/2"	2" by 6"	tops to bottom	1/2"	drill	top	bottom

Static Water Level for non-flowing Well..... 34 ft water feet.

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

Pumping Water Level falls only feet and few gal. per minute.

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

How Tested pump Length of Test 1/2 day

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

Gravel packing water source for winter & fall for cattle a few horses & chickens

Driller's License Number

Oral Tolson
Driller's Signature

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

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

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

285852

STATE OF MONTANA, }
County of Richland, } ss.

Filed this 19th day of December A. D. 1963
at 1137 o'clock P. M.

E. L. Foster
County Recorder
Walter Burke
Deputy

fee 20 =
filed

RECORDED

File No.

T. 25 N. R. 52 E

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

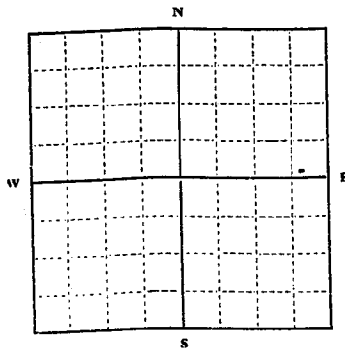
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Myrtle Garton of Richley (Town)
(Name of Appropriator) (Address)

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



$\frac{1}{4}$ Sec. 1 T. 25 R. 52

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 Dec. 20, 1962, and has been used most of time since

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

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 and electricity

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater around the 15th of Dec. 62

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

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 26" - 33' d. solid rock in bottom - 9 ft. of water

10. The estimated amount of groundwater withdrawn each year 267,300

11. The log of formations encountered in the drilling of each well if available topsoil 1 ft. loam 26' loam some sand & little gravel sand water for 6 ft dept. 33'

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 A.S.C. Office Sidney, Mont.

Signature of Owner Myrtle Garton

Date Dec 19 - 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.

11905

STATE OF MONTANA, }
County of Richland, } ss. 285848

Filed this 19th day of
December A. D. 1963
at 1:25 o'clock P. M.

E. L. Hooker
County Recorder
R. Atchison
Deputy

fee: ⁸200
filed

File No.

WATER CONSERVATION BOARD

T. 25N R. 52E

DUPLICATE

OCT 31 1966

County Richland

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Myrtle Starten Address Richley Mont

Driller C. J. Star Address Box 1183 - Glendon

Operator Francis Boyce Box 740 - Sidney Mont.

Date of Notice of appropriation of groundwater

Date well started 9-29-66 Date completed 10-6-66

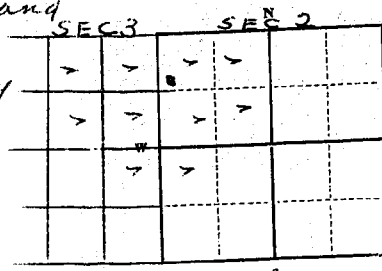
Type of well drilled Equipment used Churn
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Top of Ground (Elev. above sea level.....)	
0	> brown loam
6	> yellow clay
6	> yellow clay
21	> dark clay
21	> dark clay
35	> grey clay
35	> grey clay
70	> coal
70	> coal
72	> grey clay
72	> grey clay
80	> coal
80	> coal
84	> grey clay
84	> grey clay
105	> coal
105	> coal
108	> grey clay
108	> grey clay
129	> rock
129	> rock
134	> water sand
134	> water sand
147	> grey clay
147	> grey clay
160	> grey clay
160	> grey clay

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	4" 11# pipe	0'	147'	cut 1/4" by 1/4" Fin	132'	140'



N. W 1/4 of N. W 1/4 Sec. 2, T. 25 N. R. 52 E.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 57 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 140 feet
at 3 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailers

Length of Test 2 Feet

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 92

Driller's Signature C. J. Star

41,548

STATE OF MONTANA, }
County of Richland, } 299323

This is the 28 day of

Oct. A.D. 1966

11:20 P.M.

Helen Burke

D. Sullivan

#200

gibb

File No.

T. 25 N. R. 52 E.

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

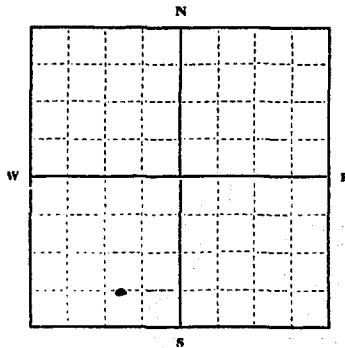
RECEIVED
DEC 23 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



1/4 Sec. 2 T. 25 R. 52

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 early fall of 58 - every summer & fall since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) enough to water any livestock she may have

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 (3/2 m. E)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater last of July or first of August 1958

8. The depth of water table 28 ft down and about 3 ft thick rises to top of well

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 - 26 in 33 or 34 ft deep

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

11. The log of formations encountered in the drilling of each well if available heavy black gumbo clay for 22 ft - lighter soil for 6 ft - sand to gravel in several feet containing water and next silty clay or siltstone

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 A. S. C. Office in Sidney, Mont.

Signature of Owner Myrtle Startin

Date Dec 17 - 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.

STATE OF MONTANA,)
County of Richland,) ss. 985850
Filed this 19th day of
Dec. A. D. 19 63
at 1:29 o'clock, P. M.
E. J. Kooker
County Recorder
R. Atchison
Deputy

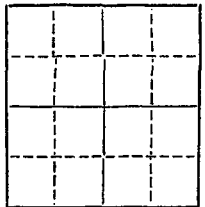
fee: \$ 2.00
filed

STATE REGISTER

T. 25N R. 52E
County Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner ^{gran} ~~John~~ Beal Bigarony ^{Sidgarony} Address Boston
Driller Andy Marks Address Sidney
Date Started July 6 Date Completed 10-59
Location: Sec. 3 T. 25 R. 52 ¼ sec

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

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

Casing: 120 ft. to _____ ft. Type O.D. Size 4 1/2

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

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

Perforated or Screened: Ft. 160 to ft. 120 Ft. _____ to ft. _____

Type of screen or perforations Cut with a cutting Torch

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

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

Pumping water level 15 feet at _____ gal. per min. 6

How tested: Bailing

Length of test 4 1/2 hours

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

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	20	Yellow clay
20	60	blue clay
60	63	rock
63	130	Blue clay
130	134	coal
134	160	Blue clay
160	170	Sand & water

265546

STATE OF MONTANA,
County of Richland,

Filed this 11 day of
January A.D. 1960
at 9:49 P.M.

E. H. Fowler
County Assessor
Richland

File No.

T. 25-14-52 R

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

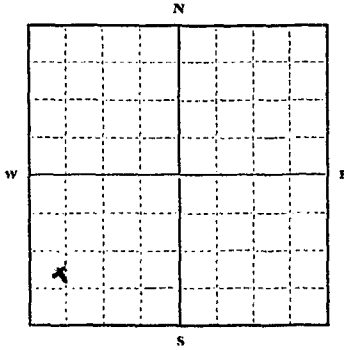
RECEIVED
DEC 10 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. James Christensen of Box 47 Poplar
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 5 T. 25 R. 52

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.....
Sept. 1st, 1949
used about 6 months each year

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
15 gals. 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.....
97 ml

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
pump 1 1/2" in. pipe 2 1/2" x 14" cylinder
1/4 H.P. electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
Construction started August 15, 1949
completed ready for use about Sept 6, 1949

8. The depth of water table.....
20 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.....
Drilled well 6" steel casing 50ft deep

10. The estimated amount of groundwater withdrawn each year.....
75,000 gal.

11. The log of formations encountered in the drilling of each well if available.....
none available except thru seismicographic records

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

Signature of Owner James Christensen
Date Dec 3, 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.

7102

STATE OF MONTANA, } ss. 2856N
County of Richland, }

Filed this 9 day of

Dec. A. D. 19 63
at 2:56 o'clock P.M.

E. S. Lander
County Recorder

S. Sullivan
Deputy

fee: 4 200
filed

File No.

T. 25-^N R. 52-^P

DUPLICATE

County Richland

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

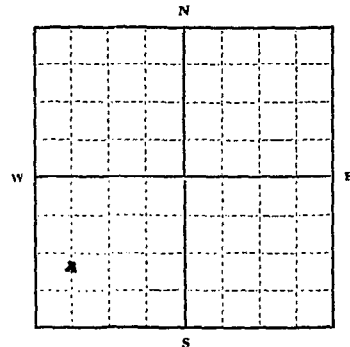
RECEIVED
 DEC 10 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, James Christensen, of R#1 Box 47 Poplar,
 (Name of Appropriator) (Address) (Town)
 County of Richland State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.W. 1/4 Sec. 5 T. 25 N. R. 52

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

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

For livestock use only

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

Oct. 29, 1961use has been continuous

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

15 gals. per minute

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

None

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

pump with 1 1/2 in pipe, 3/4 x 1 1/2 cylinder 1/2 H.P. electric motor

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

about the 10th day of Oct. 1961
completed about mid-November 1st 1961

8. The depth of water table.....

20 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.....

 bored well 18 inch diam. 45 feet deep
iron od casing

10. The estimated amount of groundwater withdrawn each year.....

150,000 gals.

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

None available

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

None

Signature of Owner

James ChristensenDate Dec. 3, 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.

STATE OF MONTANA, } ss. 285670
County of Richland,

Filed this 9 day of

Dec. A. D. 19 63

at 2:54 o'clock, P. M.

E. L. Koster
County Recorder

D. Sullivan
Deputy

Fee: \$2.00
Filed

File No.

T. 25-^NR. 52^E

DUPLICATE

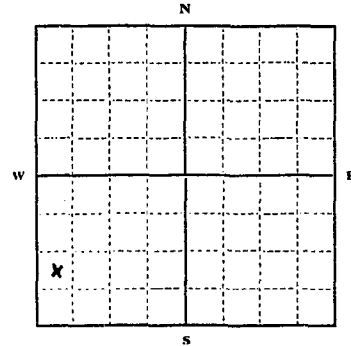
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 10 1963

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

James Christensen of Rt. 1 Box 47 Poplar
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 5 T. 25 R. 52

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 hold use Lawn watering

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

November 1, 1958, used continuously.

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

about 20 gals 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.....

Shallow well jet pressure system 1/2 in. electric tubing.

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

work started about 24th Oct 1958.

8. The depth of water table.....

About 18 feet.

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

Bored well 18 inch casing 30 feet deep.

10. The estimated amount of groundwater withdrawn each year.....

80,000 gal.

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

clay and fine 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 James Christensen
Date Dec. 3, 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.

STATE OF MONTANA, }
County of Richland, } ss. 285639

Filed this 9th day of

Dec. A D 1963
at 2:52 o'clock P. M.

C. L. Kooker
County Clerk
R. Atchison
Deputy

Rec: 222
filed

File No.

T. 25^N R. 52^E

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

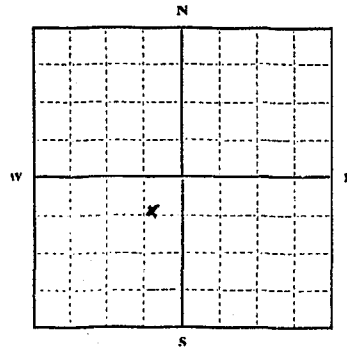
RECEIVED
DEC 10 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. James Christensen, of R#1 Box 47 Poplar
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.W. 1/4 Sec. 8 T. 25^N R. 52^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. Household use. Livestock use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. November 1925 used until 1957 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). undetermined. used during water main

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. pump with 1 1/2 inch pipe and gasoline engine

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

8. The depth of water table. 60 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. Bored well. 18 inches inside casing about 90 ft deep.

10. The estimated amount of groundwater withdrawn each year. About 75000 gal for 32 yrs

11. The log of formations encountered in the drilling of each well if available. log 15 length of bore hole well was drilled but log of formation not available. water was obtained below rock 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. This well has not been in use for the last 2 yrs. will be used for livestock and other future.

Signature of Owner James Christensen
Date Dec 2, 1963

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

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

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

STATE OF MONTANA, } ss. 285638
County of Richland, }

Filed this 9 day of
Dec. A. D. 19 63

at 9:50 o'clock, P. M.

E. S. Locke
County Recorder

A. Sullivan
Deputy

file # 200
filed

File No.

T. 25 N. R. 52 E.

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

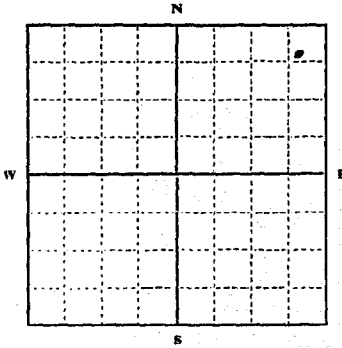
JAN 10 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lee Holman, of Richby
(Name of Appropriator) (Address) (Town)

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



91. E. 1/4 Sec. 13, T. 25, R. 52

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 1957 still in 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 no

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 1957

8. The depth of water table 25 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 48 ft deep

10. The estimated amount of groundwater withdrawn each year 240,000 gal

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not known

Signature of Owner Lee Holman

Date Dec 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.

STATE OF MONTANA, No. 286088
County of Richland.

Filed this 27 day of
December A. D. 1963
at 1:59 P. M.
E. L. Kosker
County Clerk
Helen Sherke
Deputy

114

File No.

T 25-N R 52E

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 20 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1948

Owner Alfred Casada Address Bigby, Montana

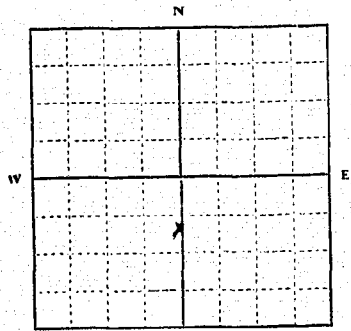
Contractor (if any)

Address of Contractor

Date Started..... Date Completed.....

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

Natural spring depth two feet



Sw 1/4 Sec 14 T 25 R 52

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.....

This is used as stock water used approximately eight months every year.

Signature of Owner Alfred Casada

Date 12-31-63

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

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

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

STATE OF MONTANA, } No. 286850
County of Richland, }

Filed this 3 day of
January A. D. 1964
at 9:34 o'clock A. M.
C. J. Kasper
County Recorder
John Burke
Deputy

for \$2.00
filed

RECEIVED
STATE ENGINEER

T. 25N R. 52E
County Richland

14

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner James Wain Address Broton
Driller Andy Wicks Address Sidney
Date Started Sept 14 Date Completed 18 Sept 59
Location: Sec. 14 T. 25 R. 52 1/4 sec.

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other:

Casing: 16.2 ft. to ft. Type C.P. Size 4 1/2

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 15.2 to ft. 16.2 Ft. to ft. 10 prop

Type of screen or perforations Cut with cutting torch

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

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

Pumping water level 15 feet at gal. per min.

How tested: Drilling

Length of test: 4 hours

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	20	Yellow clay
20	40	Blue clay
40	44	coal
44	80	Blue clay
80	84	Sand rock
84	157	Blue clay
157	167	Sand and water

STATE OF MICHIGAN
County of Richland, ss.
Filed this 11 day of
January A. D. 1960
at 9:37 o'clock A. M.
G. H. [Signature]
County Recorder
E. [Signature]
Deputy

865540

File No.

T. 25 N. R. 52 E.

DUPLICATE

County. Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

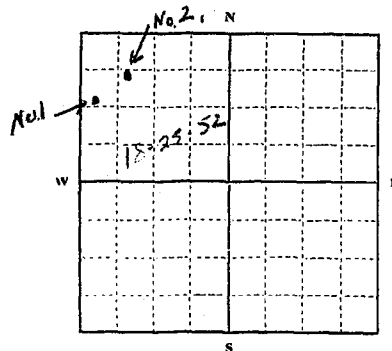
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. William V. Fatzinger, of Bloomfield
(Name of Appropriator) (Address) (Town)

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



..... 1/4 Sec. 13 T. 25 R. 52

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 use
& watering livestock No. 2

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Nov. 25, 1962
Every Day

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 30 gal. per minute in No. 1
20 gal. per minute in No. 2

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Electric Motor Driven Pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. No. 2 commencement Nov. 14, 1963 completion Nov. 25, 1963
No. 1 commencement Nov. 25, 1963 completion Nov. 29, 1963

8. The depth of water table. 4.6' in No. 2 & 26' in No. 1.

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

Well No. 1 Drilled with 5" casing 49' Deep
Well No. 2 Drilled with 5" casing 145' Deep

10. The estimated amount of groundwater withdrawn each year. 410,500 gallons

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

99' of water in No. 2.
23' of water in No. 1.

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

Signature of Owner William V. Fatzinger

Date Dec. 14, 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.

11895

STATE OF MONTANA, }
County of Richland, } ss. 285823

Filed this 18 day of Dec. A. D. 1963

at 3:34 P. M.

E. L. Keadle
County Recorder

D. Sullivan
Deputy

filed

File No.

T. 25 N. R. 52 E.

DUPLICATE

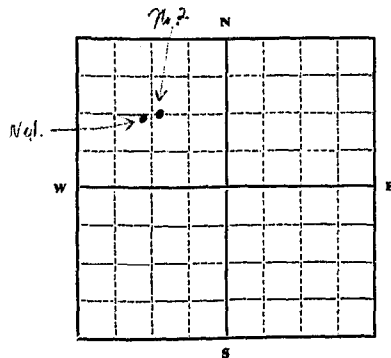
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 12 1963

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

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



NW 1/4 Sec. 18, T. 25, R. 52

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 hold use & watering livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1910 every year since completion of first well

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. No. 1 March 1959 Well No. 2 1946

8. The depth of water table. 24 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.
well No. 1 Dug with 24" hole 63 ft. Deep
well No. 2 Drilled with 5" casing 125 ft. Deep

10. The estimated amount of groundwater withdrawn each year. 650,000 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 William V. Fatzinger

Date March 11, 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.

STATE OF MONTANA, } SS. 781600
County of Richland, }

Filed this 11 day of
May A. D. 19 63
at 2:11 o'clock P.M.

E. L. Laker
County Register
R. Peterson
Deputy

Fee \$ 1.00
Filed

File No.

T. 25 R 52

DUPLICATE

County Richland

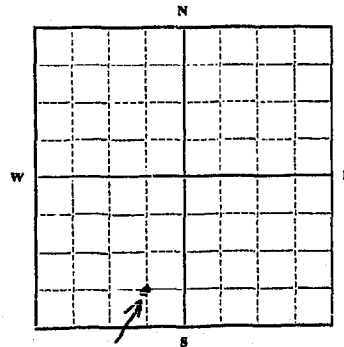
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 24 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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



SW 1/4 Sec. 20 T. 25 R. 52

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

2. The beneficial use on which the claim is based watering of livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1962

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 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 Gas Motor driven pump jack

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Dec. 16, 1961 commencement
Dec. 23, 1961 finished

8. The depth of water table 21 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater cased with 6" O.D. 5" I.D. 88 ft. casing used
Hole Reamed to 10" & Gravel packed on outside of casing

10. The estimated amount of groundwater withdrawn each year 80,000 gallons

11. The log of formations encountered in the drilling of each well if available 19' yellow clay & sand 19-21' Rock & Sand Chy & some water
42' Blue clay 74' white sand rock 87' thin Rock & in coal & water
93' coal & water 96' Stopped in Pure coal afterwards drilled to 106 ft & bentonite

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

Signature of Owner: William V. Fatzinger

Date: April 5, 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.

STATE OF MONTANA, } ss. 284524
County of Richland, }

Filed this 23 day of
Sept. A. D. 19 1917

at 1:25 o'clock, P. M.

L. Kooker

County Recorder

R. Atchison

Deputy

fee: 2.00

filed

File No.

T. 25 N 52 E

DUPLICATE

County RICHLAND

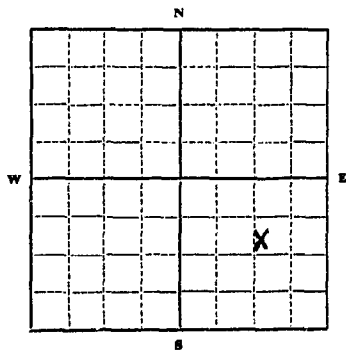
STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECEIVED
 DEC 16 1963
 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. MAREL SWIHART, of Star Route Richey
 (Name of Appropriator) (Address) (Town)
 County of Richland State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 21 T. 25 R. 52

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. May, 1958 used each year during summer months

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 30 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. centrifugal pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. started May 19, 1958. Completed May 12, 1958

8. The depth of water table. 4 foot

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, wood-curbed 5 foot diameter, 10 feet deep

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

11. The log of formations encountered in the drilling of each well if available. no log 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 other records known

Signature of Owner: Marel Swihart

Date: December 13, 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.

STATE OF MONTANA, } ss. 285708
County of Richland,

Filed this ~~12~~ 13 day of

Dec. A. D. 19 63

4:18 o'clock, P. M.

E. L. Koster
County Recorder

A. Sullivan
Clerk

Fee: \$2.00
Filed

File No.

T. 25^N R. 52^E

DUPLICATE

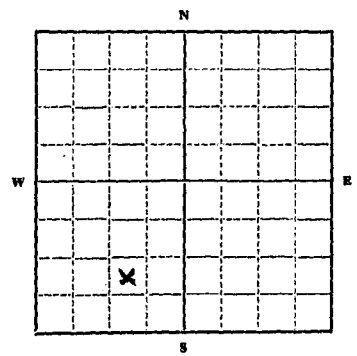
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963
STATE ENGINEER

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

1. Mabel Suithart of Star Route Richey
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 22 T. 25 R. 52
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 spray water and general farm use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June, 1948
used continuously since

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 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 deep-well jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater began June 1, 1948 and completed June 15, 1948

8. The depth of water table 35 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 Bored type 55 feet deep 18 inch diameter

10. The estimated amount of groundwater withdrawn each year 360,000 gallons

11. The log of formations encountered in the drilling of each well if available no log 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 records known

Signature of Owner Mabel Suithart
Date December 13, 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.

STATE OF MONTANA, }
County of Richland, } ss. 285707

Filed this 13 day of

Dec A. D. 1963

at 4:16 o'clock P. M.

E. L. Kasper

County Recorder

R. Atkinson

Deputy

Fee: \$ 20.00

filed

File No.....

T. 25 N R 52 E

DUPLICATE

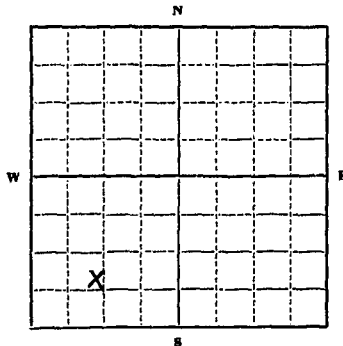
County RICHLAND

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963

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

1. MABEL SWIHART of Star Route Richey
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 22 T. 25 R. 52

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... June, 1942
used year round

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... 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... cylinder pump with 1 1/4 inch pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... began June 5, 1942, completed and put into use June 20, 1942

8. The depth of water table... 40 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... Bored type, 55 feet deep, 24 inch diameter

10. The estimated amount of groundwater withdrawn each year... 360,000 gallons

11. The log of formations encountered in the drilling of each well if available... no log 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 records known

Signature of Owner... Mabel Swihart

Date... December 13, 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.

STATE OF MONTANA, } ss. 28578 6
County of Richland,

Filed this 13 day of

Dec. A. D. 1963

at 4:14 o'clock P.M.

E. J. Kasher
County Recorder

D. Sullivan
Deputy

fee: \$2.00
filed

File No.

T. 25 N. 52 E

DUPLICATE

County Bickland

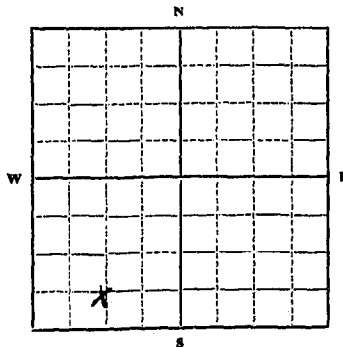
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Mabel Swihart, of Star Route Richey
(Name of Appropriator) (Address) (Town)
County of Bickland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 22 T. 25 R. 52

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... May, 1945
used each year during winter months

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... not known 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... 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... cylinder pump with 1 1/4 inch pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... began May 10, 1945. Completed May 13, 1945

8. The depth of water table... 80 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... Driven type
180 feet deep
6 inch diameter

10. The estimated amount of groundwater withdrawn each year... 180,000 gallons

11. The log of formations encountered in the drilling of each well if available... no log 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 records known

Signature of Owner Mabel Swihart

Date December 13, 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.

943

STATE OF MONTANA, }
County of Richland, } ss. 285705

_____ 13 _____ day of

Dec. _____ A. D. 19 63

4:20 o'clock P. M.

E. L. Kaaber
County Recorder

H. Atkinson
Deputy

fee: \$2.00
filed

File No.

T. 25 N. R. 52 E. 23

DUPLICATE

County... Richland

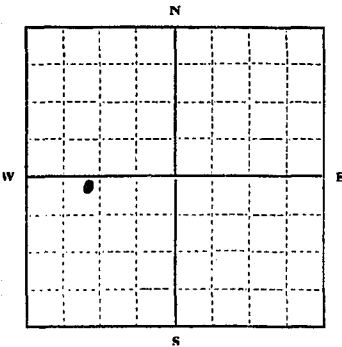
STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECORDED
 JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NW $\frac{1}{4}$ SW $\frac{1}{4}$ 23 25 52 E.
 $\frac{1}{4}$ Sec. T. R.

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

2. The beneficial use on which the claim is based...
livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1958
4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 2,000 gallons per day
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 type pump
NE $\frac{1}{4}$ Sec. 23, Twp. 25 N. Rge. 52 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1958
8. The depth of water table... 30 to 40 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... 24 inch bored well 40 foot deep
10. The estimated amount of groundwater withdrawn each year... 200,000 gallons
11. The log of formations encountered in the drilling of each well if available... 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 DONALD GOSS

Date December 27, 1963

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

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

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

29524

286225

STATE OF MONTANA,
County of Richland.

Filed this 30

Dec 63
at 2:04 o'clock P.M.

E. L. Laake
County Recorder

E. L. Laake
Deputy

fee \$ 5.00
filed

File No.

T. 25 N. R. 52 E.

DUPLICATE

County Richland

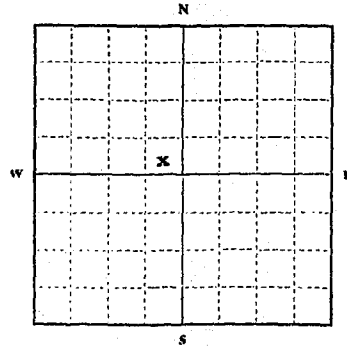
STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECORDED
 JAN 10 1964
 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NW
 SE 1/4 Sec. 23 T. 25 R. 52 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

 livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1945 and continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 2000 gallons per day
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 type pump
 SE 1/4 NW 1/4 Sec. 23, Twp. 25 N. Rge. 52 East
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... 1945
8. The depth of water table..... 30 to 40 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater..... 24 inch bored well 40 foot deep
10. The estimated amount of groundwater withdrawn each year... 200,000 gallons
11. The log of formations encountered in the drilling of each well if available.....
 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... Not previously recorded

Signature of Owner. DONALD GOSS

Date..... December 27, 1963

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

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

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

29526

286227

STATE OF MONTANA
County of Richland

Filed this 30 day of Dec. A.D. 1963

at 2:08 P.M. by E. Y. Kosbee
A. Sullivan

fee: \$2.00
filed

File No.

T. 25 N. R. 52 E

DUPLICATE

County Richland

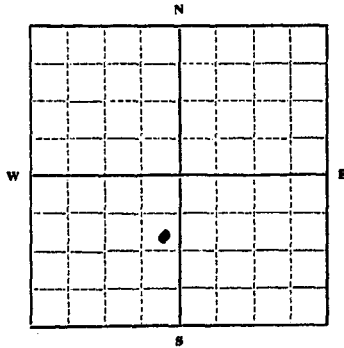
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NE 1/4 SW 1/4 24 25 N. 52 E.
1/4 Sec. T. R.

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
2000 gallons per day

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

SW

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Dugout
NE 1/4 SW 1/4 Sec. 24, Twp. 25 N., Rge 52 E.

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

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.....
seepage pit 12 feet deep natural flow

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

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

Signature of Owner..... DONALD GOSS

Date..... December 27, 1963

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

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

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

29527

286228

STATE OF MONTANA, }
County of Richland, }

Filed this 30 day

at 2:10 P.M. A.D. 1963

E. L. Karber
County Recorder
D. Sullivan
Deputy

fee: \$3.00
filed

File No. _____
DUPLICATE

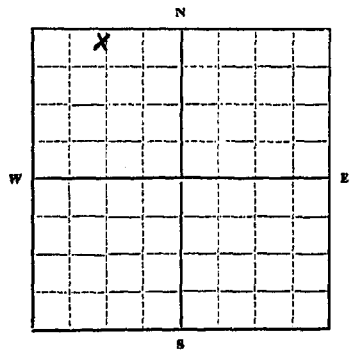
T. 25 N R 52 E
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963
STATE ENGINEER

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

1. Allen Swihart, of Star Route Richley
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 27 T. 25 R. 52
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. June, 1939
used during winter months
each year.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). not more than 15 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. Cylinder pump with 1 1/2 inch pipe.
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. began digging June 4, 1939. Completed June 21, 1939
- 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. Hand dug
25 feet deep
5 1/2 feet diameter
- 10. The estimated amount of groundwater withdrawn each year. 180,000 gallons
- 11. The log of formations encountered in the drilling of each well if available. no log 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 known records

Signature of Owner Allen Swihart
Date December 13, 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.

9430

STATE OF MONTANA,)
County of Richland,) ss. 285704

Filed this 13th day of
Dec. A. D. 1963
at 4:10 o'clock P. M.

E. L. Kooker
County Recorder
D. Sullivan
Deputy

fee: $\$$ 2.00
filed

File No.

R E C E I V E D
JUL 22 1965

T 25 N R 52 E 27

DUPLICATE

County Richland

REFERRED TO

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 approx 2800
(Elev. above sea level)

0 to 1 top soil
1 to 20 dry clay
20 to 29 gravel & water
29 to 40 clay

Owner Allen Swilart Address

Driller Rayd Salisbury Address Fairview Mont

Date of Notice of Appropriation of Groundwater Mar 10, 1964

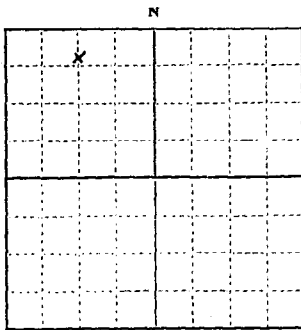
Date well started Mar 3, 64 Date Completed Nov 5, 64

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
34"	31" Steel 1 1/2 gal 2 1/2"	0	40	3" 8	20	40



NW 1/4 Sec. 27 T 25 R 52
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 20 feet.

Shut-in Pressure for Flowing Well NOT THE CASE

Pumping Water Level 38 feet at 8 gal. per minute.

Discharge in gal. per min. of flowing well NOT THE CASE

How Tested Pumped Length of Test Approx 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) Packed with washed pea gravel

Show exact depth of bottom.
40 ft

111
Driller's License Number.

Rayd Salisbury
Driller's Signature

Raymond J. Petersen - Contractor

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

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

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

29328

STATE OF MONTANA, } ss. 293982
County of Richland, }

Filed this 20 day of July

at 4:4 o'clock P. M. A. D. 19 65

E. L. Karker
County Recorder

by E. Hardy
Deputy

filed
per #200

File No.

T. 25 N. 52 R.

DUPLICATE

County Richland

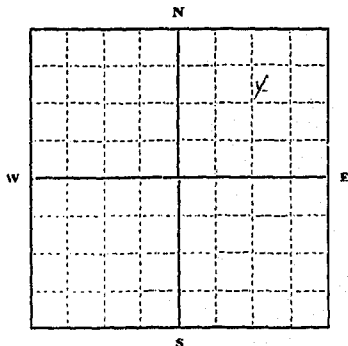
STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

JAN 19 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



$\frac{1}{4}$ Sec. 28 T. 25 R. 52

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 use
Garden irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1928 Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) eight 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, one acre in depth
Alfred Candee holds
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. 1928
8. The depth of water table Twenty 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.
Thirty feet deep, 10 inch well
10. The estimated amount of groundwater withdrawn each year 400,000
11. The log of formations encountered in the drilling of each well if available. None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Alfred Candee
 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 One triplicate for the Appropriator.

STATE OF MONTANA, } ss. 286848
County of Richland,

Filed this 3 day of

January A.D. 1964

at 9:32 o'clock A.M.

E. L. Kasper
County Recorder

Helen Burke
Deputy

for
filed
200

File No.

T. 25 N R 52 E

DUPLICATE

County Richland

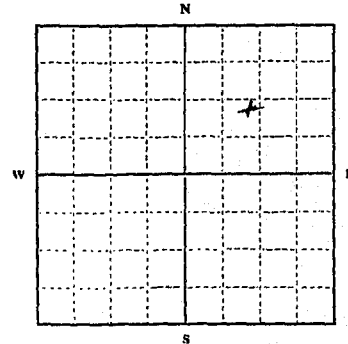
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Alfred Canale, of Richley,
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. 25 N. Sec. 28, T. 25, R. 52

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 1912

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

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 1912

8. The depth of water table 25 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 3.5 ft deep 30 inch diameter

10. The estimated amount of groundwater withdrawn each year 35,000 gallons

11. The log of formations encountered in the drilling of each well if available none

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

Signature of Owner Alfred Canale

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.

29362

STATE OF MONTANA, } ss.
County of Richland, }

Filed this 3 day of

January A. D. 19 64

at 9:31 o'clock P.M.

W. J. Hooker
County Recorder

John Deuka
Deputy

fee \$2.00
filed

28

File No.

T. 25 N. R. 52

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 19 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

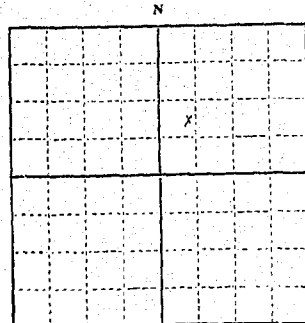
Date of Appropriation of Groundwater..... 1938

Owner Alfred Gardner Address Richley, Montana

Contractor (if any)

Address of Contractor

Date Started..... Date Completed.....



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

depth three feet

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.....

Twelve month period of use

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

Signature of Owner Alfred Gardner

Date 12-31-63

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

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

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