

STATE OF _____ ss. 286441
County of _____
Filed the 31 day of
December A. D. 1963
at 10:41 P.M.
E. L. Kaskas
County Recorder
E. L. Kaskas
Deputy

Fee \$2.00
filed

File No.

T. 25 N 58 E

DUPLICATE

County

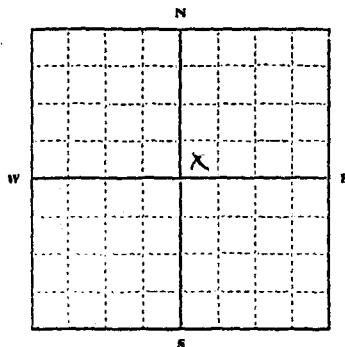
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. R. E. Delaney, of Ray, North Dakota, owner of farm in
(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 NE 1/4 Sec. 4 T. 25 N. R. 58 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 is for
watering livestock.

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been prior to 1930. Have been
used continuously on year round basis.

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 50 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
Not applicable

6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal
All water is from wells - location by feed
yard in SW 1/4 NE 1/4 Sec. 4-25-58

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Prior to 1930

8. The depth of water table Static water level - 25 feet. Well depth - 100 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 wells - 4 inch casing - 100 ft.
deep.

10. The estimated amount of groundwater withdrawn each year 3,750,000 gal.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

R. E. Delaney

Signature of Owner By R. E. Delaney AgentDate Jan 31 - 1963

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

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

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

29764

STATE OF MONTANA, } ss. 286470
County of Richland,

Filed this 31 day of
December A. D. 1943
at 11:10 o'clock, A.M.

E. L. Kasher
County Recorder
E. Lash
Deputy

fee \$2.00
filed

T 25 R 08 E

County

JAN 10 1964

Rights

Chapter 201, Montana Session 1991

NW $\frac{1}{4}$ 16-25-58N NE $\frac{1}{4}$ 8-25-58

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been prior to 1930. Have been
used continuously in grazing season.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well 1 - 10 GPM
Well 2 - 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

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

All water from wells - by pump

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

8. The depth of water table. Static water level - 25 feet - both wells

8. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Well 1 - Drilled well - 4 1/2 in. casing
100 feet deep. Well 2 - Bored well - 50 feet deep.

LOCATION OF WELL:

Well 1 - SW 1/4 NE 1/4 Sec. 8-25-58

Well 2 • SW-NW Sec. 16-25-58

10. The estimated amount of groundwater withdrawn each year: Well 1 - 180,000
Well 2 - 180,000

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.

D. E. DELANEY

Signature of Owner ^{By} L. C. Delaney

Date Dec 31, 1963

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

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

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

au of 29765

STATE OF MONTANA, } ss. 286471
County of Richland,

Filed this 31 day of

December A. D. 1963

at Hill Clerk, P. M.

E. L. Kooker
County Recorder

E. Cook
Deputy

for \$2.00
filed

File No.

T. 25 N. R. 5 E. S. 10

DUPLICATE

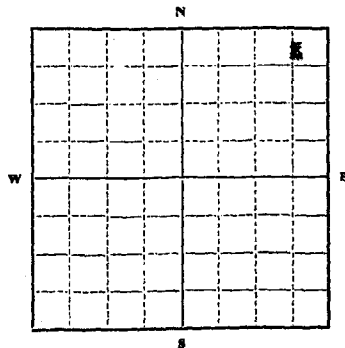
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Carl Anvik of Fairview
(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 Sec 10 T25 R55

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 con-
tinuous the use has been.....
1951 and continuous use since

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

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

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.....
water pump jack on NE 1/4 of SE 1/4 of Section 10.
Township 25, Range 55

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater.....1951

8. The depth of water table.....6 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.....The well has 18 inch steel casing, is a drilled
well and is 67 feet deep

10. The estimated amount of groundwater withdrawn each year.....156,250 gallons

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

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

Signature of Owner.....Carl Anvik

Dated Dec 31, 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.

29590

STATE OF MONTANA, }
County of _____, } ss. 286296

31 day of
Dec. A.D. 1963.
8:16 P.M.

C. L. Kooker.

R. Atchison
Deputy

fee: 2.00

filed

File No. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

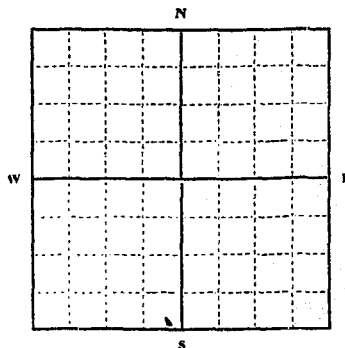
JAN 10 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Marian and James Christiansen, of Fairview, 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:



SE 1/4 SW 1/4 Sec. 12 T. 25 R. 58

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 cattle
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945 and used continuously to 1963
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 the above
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Fall of 1945
8. The depth of water table 70 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 24" 70 feet deep
10. The estimated amount of groundwater withdrawn each year 234,000 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 Christiansen
Marian Christiansen

Date December 26, 1963

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

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

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

29408

STATE OF IOWA 286080
County of R.
Filed this 27
December 63
at 1:44
E. L. Kopke
John Lierke
for 2.00
Filed
Deputy

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County

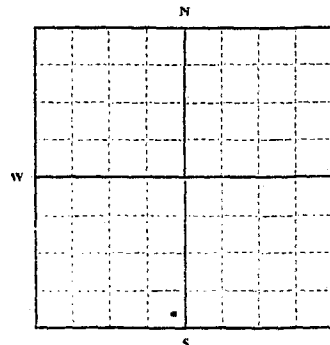
JAN 10 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Marian and James Christiansen, of Fairview 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:



SE 1/4 Sec. 12, T. 25, R. 58

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

2. The beneficial use on which the claim is based.
Household and garden uses.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1930's and continuously to 1963
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 the above
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Actual dates unknown other than in the 1930's
8. The depth of water table. 70 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 24" 70 feet deep
10. The estimated amount of groundwater withdrawn each year. 234,000 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

Date December 26, 1963

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

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

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

29363

286079

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

Filed this 27 day of

December A.D. 1963

at 1:42 o'clock P.M.

E. L. Hooker

County Clerk

John Dierke

Deputy

See 200
filed

GW -

File No.

T. 25 N. R. 58 E

County.

DUPLICATE

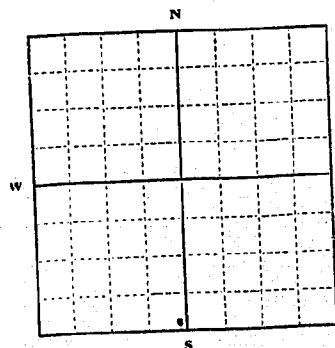
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Marian and Alma Christiansen, of Fairview 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:



S.E. 1/4 Sec. 12 T. 25 N. R. 58 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 and garden uses
3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been. 1954 and continuous to 1963
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
None
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal.....
Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater..... Fall of 1954
8. The depth of water table..... 50 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.....
15" drilled and 50 feet deep
10. The estimated amount of groundwater withdrawn each year..... 234,000 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 Marian ChristiansenDate December 26, 1963

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

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

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

29409

286081

STATE OF MONTANA
County of Richland

Filed this 27 day of
December A.D. 1963

at 1:40 P.M.
E. L. Kayser
County Clerk
Delia L. Lusk
Deputy

File No.

T. 25 R. 58

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

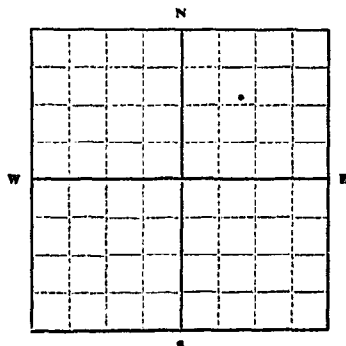
APR 17 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

ASSISTANT
STATE ENGINEER

1. Mrs. H. B. Doyle of Fairview
(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 Sec. 12 T. 25 R. 58

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

2. The beneficial use on which the claim is based watering livestock and household use.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1907
4. The amount of groundwater claimed (in miner's inches or gallons per minute) six 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 used for watering livestock and household use only.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1907
8. The depth of water table 30 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 well; 18 in. casing; 30 feet deep.
10. The estimated amount of groundwater withdrawn each year 18,000
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 None available

Signature of Owner Mrs. H. B. DoyleDate Apr. 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.

282393

STATE OF MONTANA, }
County of Richland, }

Filed this 16 day

April A. D. 1963

12:07 o'clock, P.M.

C. S. Kasken

County Recorder

C. Cook

Deputy

fee ^{\$}2.00
filed

File No.

T. 25 R. 58

DUPLICATE

County. Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

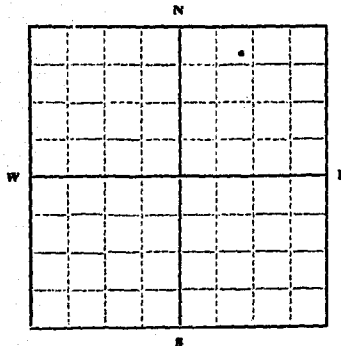
APR 17 1963

ASSISTANT
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mrs. H. B. Doyle of Fairview
(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 Sec. 12 T. 25 R. 58

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

2. The beneficial use on which the claim is based.....
Watering livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....1923
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....five 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.....
Used for watering livestock only
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
windmill-powered pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....1923
8. The depth of water table.....70 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....Drilled well; 24 inc. casing; 70 feet
10. The estimated amount of groundwater withdrawn each year.....100,000 gallons
11. The log of formations encountered in the drilling of each well if available.....
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 available

Signature of Owner.....

Date.....Apr 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.

282394

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

Filed this 16 day of

April A. D. 19 63

at 12:09 o'clock, P. M.

E. L. Kooker

County Recorder

E. Cook

Deputy

for \$
2.00
filed

T 25 n R 53 e

County Richland.....

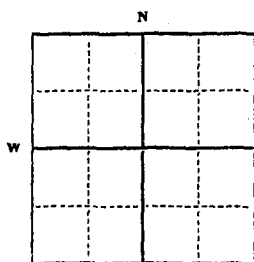
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

(Under Chapter 237 Montana Session Laws, 1961, as amended)

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 Casting	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 1/2"	4 3/4" o.d. 17 #	0-	473	PT		



.....page 17 marked 468-474.....

... (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).

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

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

Driller's License Number

Driller's Signature _____

4/6.557

STATE OF MONTANA, } ss. 315289
County of Richland,

Filed this 9 day of

June A. D. 1970
at 9:42 o'clock, A. M.

Helen Hieske
County Recorder

June Paladichuk
Deputy

\$ 2.00

Filed

Gv.

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

File No.

25 R 58 F

DUPLICATE

County

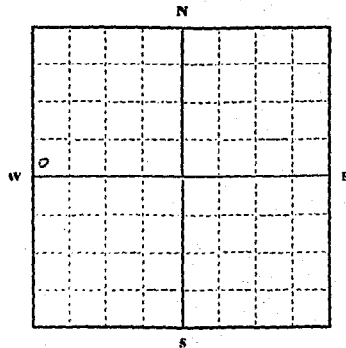
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ALFRED D. ANVIK, of RAIL BLVD FAIRVIEW
(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:



Sec 4 T. 25 R. 58

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 watering

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1.5 gallons

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

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

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

8. The depth of water table 140 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; 310 ft

10. The estimated amount of groundwater withdrawn each year 87,000 gals

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

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

Signature of Owner Alfred D. Anvik

Date Dec 31, 1963

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

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

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

2975

STATE OF MONTANA, } ss. 286481
County of Richland,

Filed this 31 day of
December 19 63
at 11:30 o'clock P. M.

E. L. Lusk
County Recorder
John L. Lusk
Deputy

for 20⁰⁰
filed

RECEIVED
STATE ENGINEER

T. 25N R. 58E
County Richland

14

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Curtis Hunter Address: Fairview
Driller: Andy Morko Address: Sidney
Date Started: July 27 Date Completed: Aug 5-59
Location: Sec. 14 T. 25 R. 58 1/4 sec.

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

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

Casing: 2P2 ft. to _____ ft. Type: OD Size: 6 in

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

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

Perforated or Screened: Ft. 272 to ft. 2P2 Ft. _____ to ft. _____

Type of screen or perforations: cut with drilling torch

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

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

Pumping water level: 60 feet at _____ gal. per min. 140

How tested: Bailed

Length of test: 6 Hrs

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	25	yellow clay
125	180	Blue clay
180	190	Sand and water
190	270	Blue clay
270	292	Sand and water very strong

265544

STATE OF MONTANA,
County of Richland, } ss
Filed this 11 day of January, A.D. 1910.
at 9:45 P.M.
J. J. Farrell
County Recorder
E. C. Cook
Deputy

File No. _____

DUPLICATE

T. 25 N. 58 E.

County. Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1920

Owner A. E. Delaney Address Ray 37 Docks

Contractor (if any) Not available

Address of Contractor Not available

Date Started Not available Date Completed Not available

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

cut ground in well casing
+ pipe + flows to the height
of our first above ground at
floride of ten gallon per minute

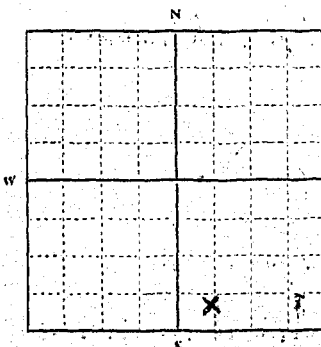
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. Water is

used for cattle during the
gazing season. Water was
measured with pail

Signature of Owner A. E. Delaney

By Ted Delaney Date Dec 31-63



SW 1/4 Sec. 16 T. 25 N. R. 58 E.
Indicate point of appropriation
and place of use, if possible.

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.

29763

File No.

DUPLICATE

T 25 R 58

County *Richmond*

R JAN 10 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

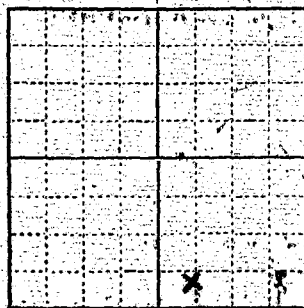
Date of Appropriation of Groundwater *1930*Owner *R. C. Delaney* Address *Ray W. Dake*Contractor (if any) *Not available*Address of Contractor *Not available*Date Started *Not available* Date Completed *Not available*Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. *Water flows*

*Out of ground in well casing
+ pipe + flows to the height
of one foot above ground at
thrust of ten gallon per minute*

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. *Water is*

*used for cattle during the
growing season. Water is
measured with pump.*

Signature of Owner *R. C. Delaney**R. C. Delaney*

S 24 Sec. 16 T. 5 R. 58

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

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.

29763

STATE OF MONTANA, } ss. 286469
County of Richland, }

Filed this 31 day of
December A. D. 19 62
at 11:09 o'clock P.M.

E. L. Hooker
County Recorder

E. Hooker
Deputy

for \$3.00
filed

File No.

T 25 N R 58 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 March 1944

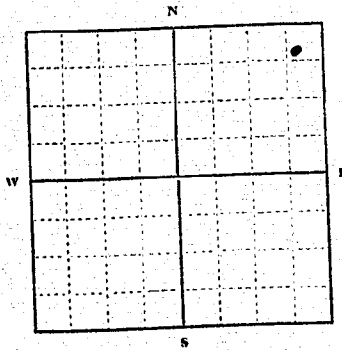
Owner Opfer Wick Address Lawrence

Contractor (if any) None

Address of Contractor

Date Started Mar. 2 Date Completed Mar. 2

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



N.E. 1/4 Sec. 18 T. 25 R. 58

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.

year around for stock water

Signature of Owner Opfer Wick

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; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

286192

STATE OF MONTANA, } ss.
County of Richland.

Filed this 30 day of
December A.D. 1963

at _____

County Recorder
Deputy

fee 200
filed

File No.

RECEIVED

T. 25 R. 58

DUPLICATE

SEP 12 1967

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 Kai Skow Address Fairview, Mont.

Driller Ray J. Petersen Address Sidney, Mont.

Date of Notice of appropriation of groundwater April 16 - '66

Date well started 2-26-'66 Date completed 4-15-'66

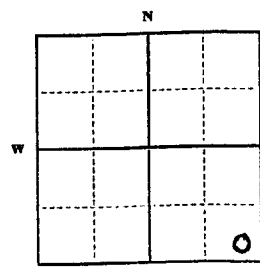
Type of well Drilled Equipment used Cable Tool
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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.

Water rises to 70 ft. level

Size of Drilled Hole	Size and Weight of Casing	From (Feet)		PERFORATIONS		
		To (Feet)	Kind Size	From (Feet)	To (Feet)	
7 inch	6 inch O.D.	surface	141	none		
	Wt. 10:50 per ft.					



Static Water Level for non-flowing well 70 feet.

Shut-in Pressure for Flowing Well none

Pumping Water Level 90 feet at 4 gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested Drill bailer

Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Pressure system to be installed in 7 ft. pit, with cover.

(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).

Water to be used for house and stock

Top of Ground (Elev. above sea level 2200.)

to 5 ft. rocky yellow clay,
to 32 ft. yellow clay
to 35 ft. very yellow rocky clay
to 40 ft. hard blue clay
to 61 ft. hard yellow clay
to 63 ft. gray clay
to 70 ft. hard blue clay
to 76 ft. blue clay
to 92 ft. gray clay
to 108 ft. blue clay
to 109 ft. soft coal (a little water)
to 114 ft. gray clay
to 117 ft. hard blue clay
to 121 ft. gray clay
to 123 ft. mushy gray clay
to 133 ft. mushy gray clay
to 144 ft. bluish gray sand, and lots of water here.
To 149 ft. gray clay.

Well is gravel packed back up to 141 ft.

SE 1/4 of SE 1/4 Sec. 21 T. 25 R. 58
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

141 feet.
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.

111
Driller's License Number

Ray J. Petersen
Driller's Signature

42,305

302387

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

Filed this 8 day of

September A.D. 1967

at 5:22 o'clock P.M.

Helen Quirk

County Recorder

Deputy

J. Palschuk
file 200
filed

File No.

DUPLICATE

T. 25 N 58 E
County RICHLAND

JAN 10 1964

STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner KAI SKOV Address RI. FAIRVIEW MONT.Contractor (if any) unknownAddress of Contractor "Date Started unknown Date Completed unknown

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

dirt excavated to a depth of about 4'

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 6 monthsfor about 30 head of cattleSignature of Owner Kai SkovDate 12-31-63

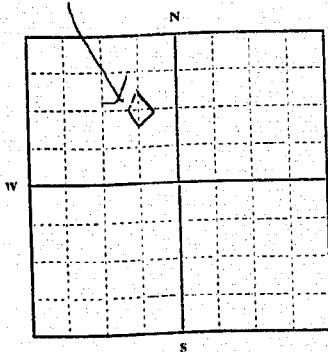
This form to be prepared by contractor (if any), otherwise by the owner.

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.

Water hole 10x20x4



NW 1/4 of Sec. 21, T. 25 N. R. 58 E

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

STATE OF MONTANA } ss. 286379
County of Richland,

Filed this 31 day of
December A.D. 1963
at 9:39 AM.

C. L. Rasken
County Recorder
C. Cook
Deputy

for \$200
filed

File No.

DUPLICATE

T. 25 N 38 E

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.....

Owner KAI SKOV

Address RI. FAIRVIEW, MONT.

Contractor (if any) unknown

Address of Contractor unknown

Date Started unknown

Date Completed unknown

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

pit excavated to a depth of about 1'

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. 6 months

for about 30 head of cattle

Signature of Owner Kai Skov

Date 12-31-63

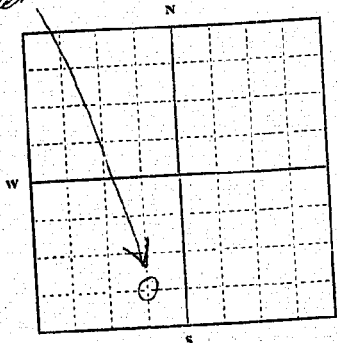
This form to be prepared by contractor (if any), otherwise by the owner.

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.

12' feet diameter 1' deep



Sketch of Sec. 21, T25, R38E

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

STATE OF MONTANA, } ss. 286381
County of Richland, }
Filed this 31 day of
December A.D. 1963
at 9:41 o'clock A.M.
E. L. Kooker
County Recorder
E. L. Kooker
Deputy

See 52 20
Filed

GV

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

File No.

T 25 N R 58 E

DUPLICATE

County RICHLAND

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

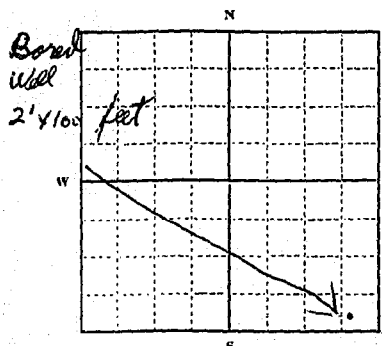
RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. KAI SKOV of R.I. FAIRVIEW
(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 of Sec 21, T25 R58E

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. don't know
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 1/2 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 irrigation
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. don't know
8. The depth of water table. 20'
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. don't know
10. The estimated amount of groundwater withdrawn each year. don't know
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. none

Signature of Owner

Kai Skov

Date 12-30-63

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.

29674

STATE OF MARYLAND, } ss. 286386
County of Baltimore,

Filed at 31 day of
December A. D. 1963
at 9:40 A.M.

E. L. Kooker

E. Case

Deputy

Fee \$2.00
Filed

File No.

T. 25 N. R. 58 E.M.P. 1.

DUPLICATE

County. RICHLAND

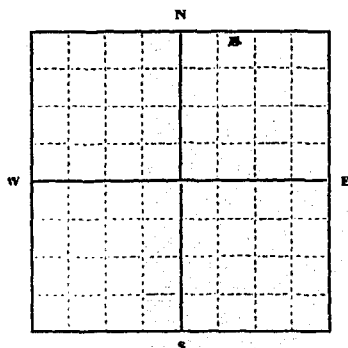
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 19 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. GEORGE HUNTER of Rt. 1 Box 17 Fairview
 (Name of Appropriator) (Address) (Town)
 County of Ricland State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 22 T. 25 R. 58

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 consumption and irrigation of lawn, garden, and facilities used with home.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been February 1952, and continuous since.
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 Lawns and garden adjacent to home on NW 1/4 Sec. 22, T25 N58.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump in home

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater February 1952, and continuous operation since.
8. The depth of water table Approximately 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 18 inch casing, depth of well 70 feet.
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

Signature of Owner

Date December 31, 1963

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

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

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

29808

STATE OF MONTANA, } ss. 0986514
County of Richland, }

Filed this 31 day of

December A.D. 19 63

at 11:54 o'clock P.M.

E. L. Hooker

County Recorder

Y. L. Luerke

Deputy

for 2.00
filed

File No.

T. 25 1/4 R. 58 E.M.P.M.

DUPLICATE

County RICHLAND

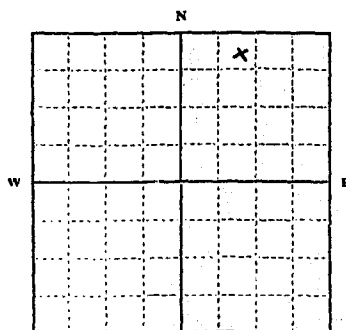
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. GEORGE HUNTER, of Rt. 1 Box 17, Fairview (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:



NW 1/4 Sec. 22 T. 25 R. 58

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 5. tech water, and irrigation of lawn, gardens, and supplemental use on crops, such as spraying, etc.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been February 1945, and continuous use since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 7 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 Lawn and garden and trees adjacent to farm buildings on NW 1/4 Sec. 22, T. 25, R. 58.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 2 pumps, 1 electric submersible, and 1 piston pump with vumpjack, within 30 ft radius of farm buildings.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. February 1945, continuous operation since.
8. The depth of water table. Approximately 30 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. 20 inch casing in 70 foot well.
10. The estimated amount of groundwater withdrawn each year. 800,000 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. George HunterDate December 31, 1963

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

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

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

29801

STATE OF MONTANA, ss. 286516
County of Richland.

Filed this 31 day of
December A. D. 19 63
at 11:55 o'clock P. M.

E. L. Hughes
County Recorder
John L. Hughes
Deputy

Dec 20
Filed

File No. _____

STATE WATER CONSERVATION BOARD

T. 25 N R. 58 E 23

DUPLICATE

MAR 14 1967

County Richland

Top of Ground

(Elev. above sea level _____)

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)

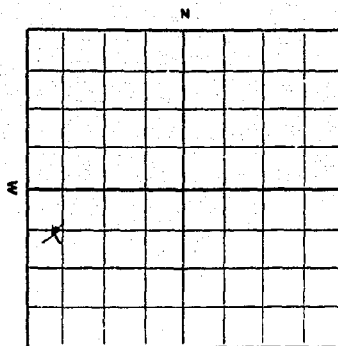
Owner Geo. Hunter Address Fairview, MontDriller Gulbras Drlg Co. Address Sidney, Mont

Date of Notice of appropriation of ground water _____

Date well started Jan. 12, 1967 Date Completed Jan. 13, 1967Type of well auger drilled Equipment used churn
(dug, driven, bored or Churn, drill, rotary or
drilled) other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6" 14#	0-	57	torch slots	27	29



704-SW 1/4 Sec. 23 T25 R58
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ feet

at _____ gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested bailerLength of Test 1 hr.Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) 12" hole 250-35" gravel-packed top to bottom 8" hole 35-57

57

Show exact depth of bottom.

Driller's License Number 94Driller's Signature [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.

41820

STATE OF MONTANA, } ss. 300558
County of Richland,

Filed this 13 day of

Mar A. D. 19 67

at 3:05 o'clock, P. M.

Edna E. Greider
County Recorder

D. Sullivan
Deputy

fee: \$2.00
Filed

GW 2

FILE NO. **RECEIVED**

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—45642

T. **25 N R 58 E**

County **Montana**

**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**

LOG

**Notice of Completion of Groundwater
Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

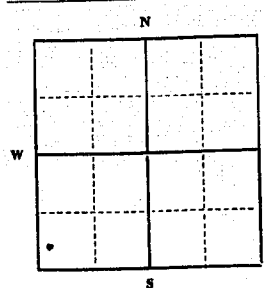
(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground (Elev. above sea level)	
22	blue clay
24	blue clay
26	coal
44	blue clay
82	coal
84	blue sandy clay
95	blue clay
114	blue clay
124	blue clay
154	rock
164	blue clay
180	coal
190	clay
201	coal
205	blue clay
252	blue sandy clay
275	blue sandy clay
277	blue sandy clay
280	blue clay
289	blue clay
311	coal
311	brown clay
319	coal
327	blue clay
346	white sand
350	

Owner **Associated Producers** Address **Helena, Montana**
 Driller **Dave Gulbraa** Address **Helena, Montana**
 Date of Notice of appropriation of groundwater _____
 Date well started **3/1/62** Date completed **9/5/62**
 Type of well **drilled** Equipment used **corn**
 (Dug, driven, bored or drilled) (Churn, drill, rotary or other)
 Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
 Industrial ☒ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6 5/8 OD .280 wall galv. 20#/ft.	0	340			



Static Water Level for non-flowing well **140** feet.
 Shut-in Pressure for Flowing Well _____
 Pumping Water Level **280** feet
 at **5** gal. per minute.
 Discharge in gal. per min. of flowing well _____
 How Tested **drawdown**
 Length of Test **three hours**
 Remarks: (Gravel packing, cementing, packers, type of shutoff) **gravel packed to 140 to 350 ft.**

SW 1/4 Sec. 24, T. 25, R. 58
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Industrial - gasoline plant

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 _____
Dave Gulbraa
 Driller's Signature.

44,962

308499
STATE OF MONTANA, } ss.
County of Richland,
Filed this 16th day of
January A. D. 19 69
at 3:05 o'clock P. M.
Helen Gierke
County Recorder
Lois Stanford
Deputy

200
filed

RECORDED IN THE
OFFICE OF THE
CLERK OF THE
COURT OF
RICHLAND COUNTY
MONTANA
JAN 20 1969

File No.

T. 25 N. R. 58 East

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Richland

RECEIVED

LOG OCT 4 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 2198 DF)**Notice of Completion of Groundwater
Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

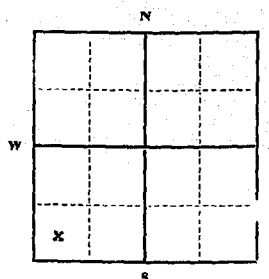
(Under Chapter 237, Montana Session Laws, 1961)

Southern Union Production CoOwner ~~XXXXXXXXXXXXXXXXXXXX~~ Address Dallas, TexasDriller E.C. Gendron Address Sidney, MontanaDate of Notice of appropriation of groundwater..... NADate well started..... 17, June, 1968 Date completed 22, June 1968Type of well..... drilled Equipment used..... churn
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☒ Drainage ☐ Other ☐

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

0-8 brown clay
8-17 gray clay
17-23 grey s andy shale coal
23-72 grey shale
72-75 grey shale coal
75-83 grey shale
83-89 sandstone
89-117 grey sandy shale
117-148 grey shale
148-167 grey shaly sand
167-172 grey shale
172-196 grey shale bentonite
196-208 grey shaly sand btn
208-209 hard shells
209-225 grey shale btn
225-227 brown shale coal
227-235 grey shale coal
235-247 grey shaly sand
247-296 grey shaly sand
296-300 grey shale

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4" 10.89	0	200	hack saws slits	150	180

Static Water Level for non-flowing well..... 170 feet.

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

Pumping Water Level..... 150 feet
at..... gal. per minute.Discharge in gal. per min. of flowing well..... NAHow Tested..... pumpLength of Test..... 24 hrs

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

water in fine sand, casingp erforated & sand-packed

end of casing at 200 ft

(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).

Water is injected in power oil system to aid in producing the Hunter #1 oil well.

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.

#177
Driller's License Number

Driller's Signature

44,662

STATE OF MONTANA, ss. 306928
County of Richland,

Filed this 3

October 9 1933 at 9:33 o'clock, A. D. 1968

Helmer Dierke
County Recorder

Elmer J. Cook
Deputy

Fee \$2.00

Filed

File No.

MONTANA WATER RESOURCES BOARD

RECEIVED

T.25 N. R. 58 E

DUPLICATE

County Richland

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner—Associated Programs, Address Fairview, Mont.

Driller—B.C. Gendron Address Sidney, Montana

Date of Notice of appropriation of groundwater.....

Date well started 12 May 1969 Date completed 14 May 1969

Type of well drilled Equipment used churn drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☒ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 1/2"	4 1/2" O.D. 7 1/2"	0	363	NONE		

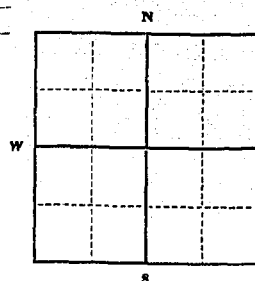
C. C. No. 214818

D. No. 10001

30 day of April

D. 10-70 at 11:35

clock

Static Water Level for non-flowing well
225 ft feet.

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

Pumping Water Level 275 feet
at 8 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested bailer XXXX

Length of Test 1 Hr

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

Gravel packed open hole

360-365

(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).

Fairview Gas Plant domestic water

365 ft

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

46398

314818

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

Filed this 30 day of
April A. D. 1970
at 11:35 o'clock, P. M.

Helen Burke
County Recorder
Edmund J. Leach
Deputy

fee \$2.00

STATE OF MONTANA, } ss. 323462
County of Richland,

Filed this 19 day of

July A. D. 1972

at 12:00 o'clock P. M.

Helen Gierke

County Recorder

June Paladichuk

Deputy

Fee: \$2.00

29
T. 25N R. 58E
County Richmond

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner L.E. Strider Address Three Rivers, Montana
Driller: Tom Shuter Address Three Rivers, Montana
Date Started August 28, 1961 Date Completed Aug. 29, '61
Location: Sec. 29 T. 25 R. 58 1/4 sec.

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

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

Casing: _____ ft. to _____ ft. Type wood Size 24 inch
Casing: _____ ft. to _____ ft. Type galv. steel Size 15 inch
Casing: _____ ft. to _____ ft. Type _____ Size _____

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

Type of screen or perforations _____

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

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

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

How tested: _____

Length of test _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Top soil 2 ft. 10 ft. gravel. 20 ft. clay. 8 ft. water
near. Total ft. of water, 18 ft.

273244

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

Filed this 31 day of
August A. D. 1961
at _____ o'clock, P. M.

County Recorder

Deputy

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

Filed this 31 day of

August A.D. 1961
o'clock, P.M.

E. L. Hooker
County Recorder

County Recorder

_____ E. back

File No.

T. 25 N. R. 58 E.

DUPLICATE

County Richland

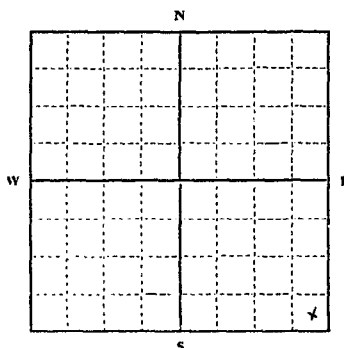
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 16 1963
STATE ENGINEER

1. William or Hazel Rennie, of 213 3rd Ave S.W. Sidney
(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 SE Sec. 31, T. 25 N. R. 58 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 for watering cattle in pasture.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 15, 1960
work all summer each year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1.25 P.M.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. started June 15 completed July 15, 1960

8. The depth of water table 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 drilled well with 6" O.D. casing
160 ft deep

10. The estimated amount of groundwater withdrawn each year 2,592,000

11. The log of formations encountered in the drilling of each well if available 0-10 clay 10-20
sand & gravel 20-25 blue clay 25-29 coal 29-31
blue clay 31-35 green clay 35-37 rock
137-140 blue rock

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

Signature of Owner Hazel Rennie

Date Dec 12, 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.

RECEIVED
CLERK OF DISTRICT COURT
RICHMOND, MONTANA
DEC 17 1963

STATE OF MONTANA, } ss. 985623
County of Richland
Filed this 12 day of
Dec. A. D. 1963
at 1:27 o'clock, P. M.
E. L. Kooten
County Recorder
H. Atchison
Deputy

fee: 2.00
filed

T. 75N R. 58E 31
County Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Bill Fennie Address Richland
Driller David Gubman Address Sidney, Mont.
Date Started June 15, 1960 Date Completed July 15, 1960
Location: Sec. 31 T. 75 R. 58 $\frac{1}{4}$ sec. SE

RECEIVED
JUN 17 1961

STATE ENGINEER

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

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

Casing: 0 ft. to 135 ft. Type steel Size 1"

Casing: 130 ft. to 160 ft. Type 11 Size 4"

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

Perforated or Screened: Ft. 140 to ft. 160 Ft. 10 to ft. 20

Type of screen or perforations 38 Holes

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

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

Pumping water level 140 feet at 10 gal. per min.

How tested: Bail

Length of test 4 HRS

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

(over)

Log of Well

[illegible]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

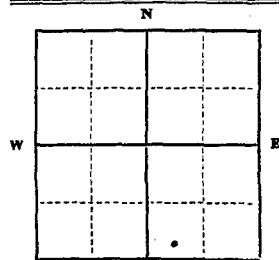
Owner Carl Amick
Address Fairview
Montana
Date well started Nov 8-72 completed Nov 9-72
Type of well Bored
Equipment used Boring
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

For Administrator's Use
File # 324683
11-14-72 9:40 AM
GW Helen Amick, Carl
by J. Ostrom

*Describe
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). Not the Case

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
36"	30" I.D. Steel	0'	40'	3" 8' 15' 40'



S.W. 1/4 S.E. 1/4 Sec. 32
T. 25 N. R. 58 E. S. W.

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

Driller's Signature Boyd Salberg
Driller's Address Fairview, Mont

LICENSE NO. 159

County Beaumont
DRILLER'S LOG 32

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

Top of Ground (Elev. above sea level) 2870

From (Feet)	To (Feet)	
10 to 10		dry Brown soil
10 to 15		clay
15 to 17		cool (water)
17 to 20		blue clay
20 to 30		blue sandy clay
30 to 40		Blue clay

40 ft Show exact depth of bottom

51,805

324683

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

Filed this 14 day of

Nov A. D. 19 72

at 9:40 o'clock, A. M.

Walter L. Linder
County Recorder

Gay Costumeyer
Deputy

Filed

Fee: \$2.00

File No.

T. 25N R. 58E.

DUPLICATE

County.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

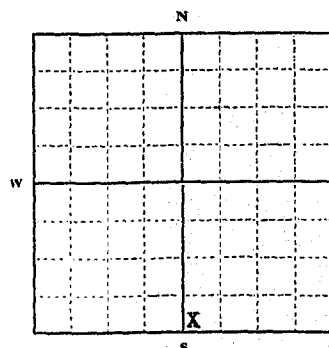
RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Wendell H. Elliott, of Sidney, 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:

SW $\frac{1}{4}$ SE $\frac{1}{4}$

Sec. 32 T. 25 R. 58

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 Well

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been..... Approx 4-1-48

4. The amount of groundwater claimed (in miner's inches or gallons
per minute)..... 45 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 loca-
tion of each well or other means of withdrawal.....
Manual pump, with Electric Motor attached.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater..... Approx 4-1-48

8. The depth of water table..... 25 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater..... Approx 25' well. Hand-operated pump,
with Electric motor attached.

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

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.....

Date..... Dec. 31, 1963

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

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

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

29965

STATE OF MONTANA, } ss. 286674
County of Richland,

Filed this 31 day of
December A.D. 1963
at 2:31 o'clock P.M.

E. L. Rasker
County Recorder
Helen Lieske
Deputy

See 200
Filed