

438654

18150

STATE OF MONTANA,
County of Valley

Filed for record

DEC 26 1963

10.00
MARY LOU EYE Clerk & Recorder

Valley County
Pauline Garrison

NOTED
DEC 26 1963
VALLEY COUNTY CLERK'S OFFICE
MONTANA

File No.....

T. 35 R. 42

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

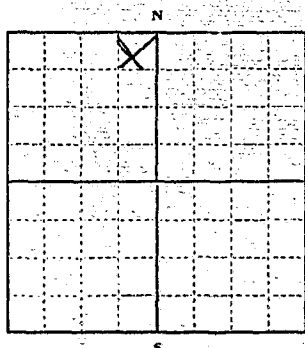
RECEIVED
DEC 20 1963

STATE ENGINEER

1. GRAYDON EDWARDS, JR., of Ophelia
(Name of Appropriator) (Address) (Town)

County of Valley State of Montana

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



NE 1/4 NW 1/4 Sec. 17 T. 35 R. 42

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 and household

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

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

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

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..... 1940

8. The depth of water table..... 49 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..... 60 feet, 4 inch casing, 1 inch pipe

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 The estimated amount of groundwater withdrawn each year..... 500,000 gallons per year

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

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

Signature of Owner..... Graydon Edwards Jr.

Date..... December 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.

11088

438444

18050

STATE OF MONTANA, }
County of Valley.
Filed for record

DEC 18 1963

at 1:30 o'clock P. M.
Mary Lou Bell
County Recorder
Pauline Jasson

File No.

T. 25 N. 12 E.

DUPLICATE

County Deer

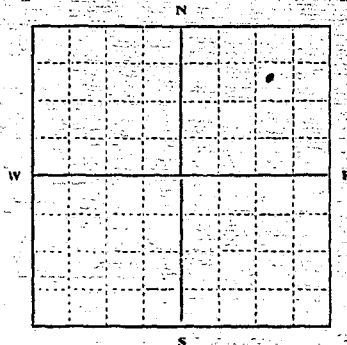
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



$\frac{1}{4}$ Sec 24 T. 25 R. 42
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 livestock3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct 19584. The amount of groundwater claimed (in miner's inches or gallons per minute) 155. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Driveway7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct 19588. The depth of water table 6 six feet9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1 1/2 inch10. The estimated amount of groundwater withdrawn each year 2-1-6011. The log of formations encountered in the drilling of each well if available Grand Heubner12. 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 NoneSignature of Owner Grand HeubnerDate 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.

37139

439323

18719

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

Filed for record

DEC 31 1963

4:15 P.
MARY LOU EIDE Clerk & Recorder
Valley County

By _____

GW

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

File No. STATE-WATER-CONSERVATION BOARD

T 3N R 42E

QUADRUPLICATE DEC 27 1965

County Valley

STATE OF MONTANA

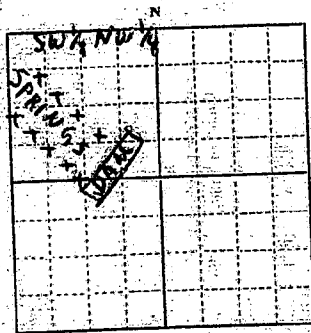
Bill: _____ McDermott
 Butcher: _____ McKelvey
 Coyle: _____ Merlon
 Darlington: _____ Sullivan
 Dickert: _____

ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ralph S. Renner of Glentana, Montana
 (Name of Appropriator) (Address) (Town)
 County of Valley State of _____
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NW 1/4 Sec. 2 T.3 N. R.42 E

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

- The beneficial use on which the claim is based
Stock water and irrigation
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1947 and every year since
- The amount of groundwater claimed (in miner's inches or gallons per minute) 400 miner's inches
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
SW 1/4 Sec. 2, T.3 N. R.42 E. owned by Ralph S. Renner
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Springs draining into storage reservoir
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1947
- The depth of water table surface
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
natural springs
- The estimated amount of groundwater withdrawn each year 12 acre feet
- The log of formations encountered in the drilling of each well if available not available
- 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

Ralph S. Renner
Dec. 23, 1965

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.

40136

450464

19372

STATE OF MONTANA, }
County of Valley, } ss.
Filed for record

DEC 23 1965

At 4:00 o'clock P. M.
Mary Lou Bonds
County Recorder
By _____ Dep.

File No.

T. 35 N. R. 42 E.

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

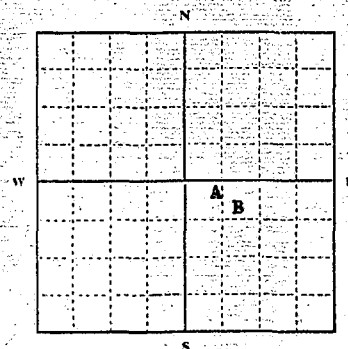
RECEIVED
DEC 30 1963

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, George Greenwood, of Glentana
(Name of Appropriator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 30 T. 35 N. R. 42 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.
(a) Stock Water; (b) Stock Water, domestic & irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
1943 and continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute).
800 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.
acreage immediately adjacent to the wells in the NW 1/4. Owner is State of Montana
dung
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
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.
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.
(a) 140 foot deep well with a 6 inch casing in which the water stands approximately 70 feet below the surface. (b) 80 foot well with a 4 inch casing and the water stands approximately 70 feet below the surface.
10. The estimated amount of groundwater withdrawn each year.
Unknown
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.
Unknown

Signature of Owner

George GreenwoodDate December 23rd, 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.

438636

18137

STATE OF MONTANA, }
County of Valley. } ss.
Filed for record

DEC 23 1963

200
at MARY LOUISE Clerk & Recorder
Valley, County.

Pauline J. Jackson

GV.

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

File No.

T. 35 R. 42

DUPLICATE

County Valley

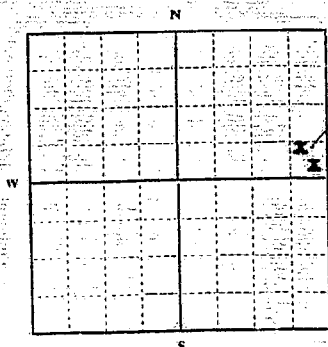
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NE 1/4 Sec. 32, T. 35 R. 42

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 water use, irrigate garden and lawn, household use.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Well #1 dug in 1916 and Well #2 dug in 1953 and both well have been continuously used since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 12 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 1/2 acre of garden and trees and lawn at home of appropriator, located in SE 1/4 NE 1/4 Sec. 32, T. 35 N. Rge 42 EMM, Valley County
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Deep Well Jet Pump and an Electric 1 horsepower Star Rite pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well #1 constructed and completed in 1916 and repaired in 1955; Well #2 constructed and completed in 1953.
8. The depth of water table. Well #1 is 35 feet; well #2 is 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. Well #1 is hand dug well, depth of 45 feet with 1 1/2 inch pipe; Well #2 has a 4 inch steel casing and is 130 feet in depth
10. The estimated amount of groundwater withdrawn each year. 3,500,000 gallons per year
11. The log of formations encountered in the drilling of each well if available. Well #1 0 to 10 Gumbo; 10 to 30 Sand; 30 to 32 Coarse Gravel; 32 to 34 Lignite Coal; 34 to 45 feet, Hard Clay; As to Well #2, 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. unknown

Signature of Owner

Date Dec. 26, 1963

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

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

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

438717

18191

STATE OF MONTANA, ss.
County of Valley.
Filed for record

DEC 26 1963

at 4:10 o'clock P. M.
MARY LOUISE Clark & Recorder
Valley County

By _____ Deputy

GROUNDWATER INDEX

Page 7 of 7

County Valley

Twp. 35-71

Rge. 113 E

[illegible]

File No.

DUPLICATE

T. 35 N. R. 13 E. 2
County Valley

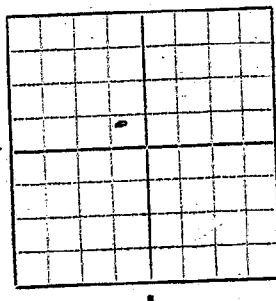
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

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

STATE ENGINEER

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



Section 2 T. 35 N. R. 13 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 _____
3. Date or approximate date of earliest beneficial use; and how continuous the use has been _____
4. The amount of groundwater claimed (in miner's inches or gallons per minute) _____
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof _____
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal _____
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater _____
8. The depth of water table _____
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 _____
10. The estimated amount of groundwater withdrawn each year _____
11. The log of formations encountered in the drilling of each well if available _____
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner _____

Date _____

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

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

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

1616

427396

17264

STATE OF MONTANA, }
County of Valley. }

Filed for record

MAR 2 1962

at 4:30 P.M.

Mary Lou Cook

By Justice Jackson Deputy

File No.

T 35 R 42 E

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

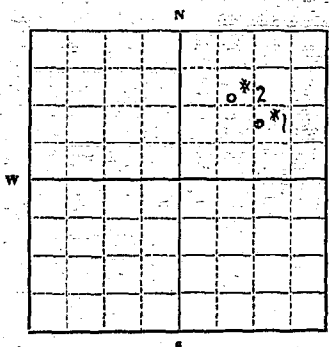
RECEIVED
DEC 14 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Great Northern Railway Company of 175 E. 4th St., St. Paul, Minnesota
(Name of Appropriator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



No. 1 - SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2, T35N, R43E
No. 2NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2, T35N, R43E

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

Two Wells at Richland

(see reverse side for location of wells at Glentana and well at Opheim)

2. The beneficial use on which the claim is based Railroad purposes
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well No. 1 - October 1937
Well No. 2 - September 1956
Both wells have been used continuously.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well No. 1 - N/A
Well No. 2 - 5 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 N/A
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal (1) Two wells at Richland; (2) One Well at Glentana; and (3) One well at Opheim
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well No. 1 - September 15, 1937 - September 30, 1937
Well No. 2 - August 21, 1956 - August 29, 1956
8. The depth of water table Well No. 1 - Static level 9' Well No. 2 - 16'
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 - 15" drilled well - 30' deep - cased with vitrified pipe 30"
Well No. 2 - 6" drilled well - 52' deep - cased 47"
10. The estimated amount of groundwater withdrawn each year Well No. 1 - 175,000 gallons
Well No. 2 - 100,000 gallons
11. The log of formations encountered in the drilling of each well if available Well No. 1 - See attached log sheet.
Well No. 2 - See attached log sheet.
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 N/A

GREAT NORTHERN RAILWAY COMPANY

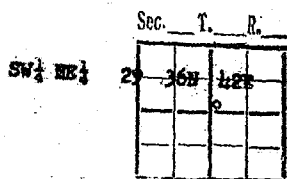
By: R. P. Hennrich
Superintendent of the Minot Division

Date

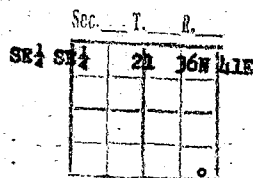
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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

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



Well at Glentana



Well at Opheim

3. October 8, 1956
4. 5 GPM
7. Sept. 24, 1956 - October 8, 1956
8. Static water level - 35'
9. 6" drilled well - 66' deep - cased 63'
10. 150,000 gallons
11. See attached log sheet

3. 1926
4. 100 GPM
7. N/A
8. N/A
9. 1 1/2' diameter - 2 1/2' deep dug well
10. 3,000,000 gallons
11. N/A

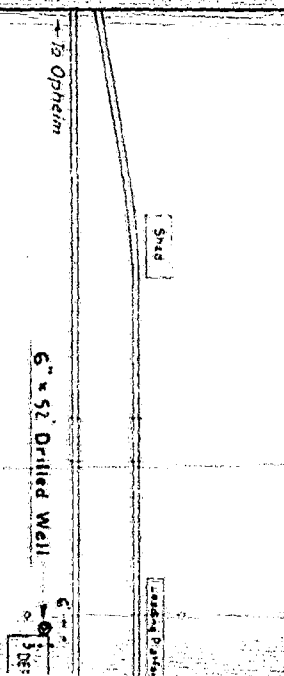
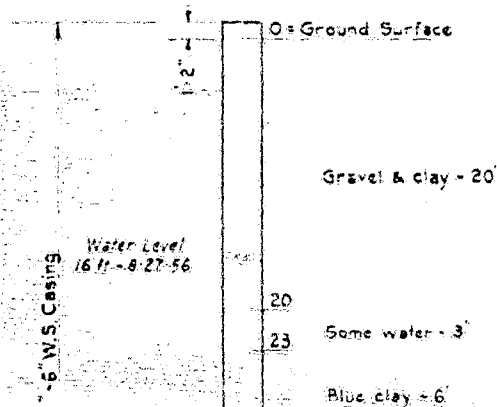
This well is leased to the U. S. Air Force.

RICHLAND, MONT. - Afe.

Well put down by Ry. Co. force and machine
G.M. Wick-driller

Drilling began 8-21-56 and finished 8-29-56

Water stands at 16 ft and pumps down to 21 ft
when delivering 5 G.P.M.



4. 5 GPM
7. Sept. 21, 1956 - October 8, 1956
8. Static water level - 35'
9. 6" drilled well - 66' deep - cased 63'
10. 150,000 gallons
11. See attached log sheet

5. 1920
4. 100 GPM
7. N/A
8. N/A
9. 14" diameter - 24' deep dug well
10. 3,000,000 gallons
11. N/A

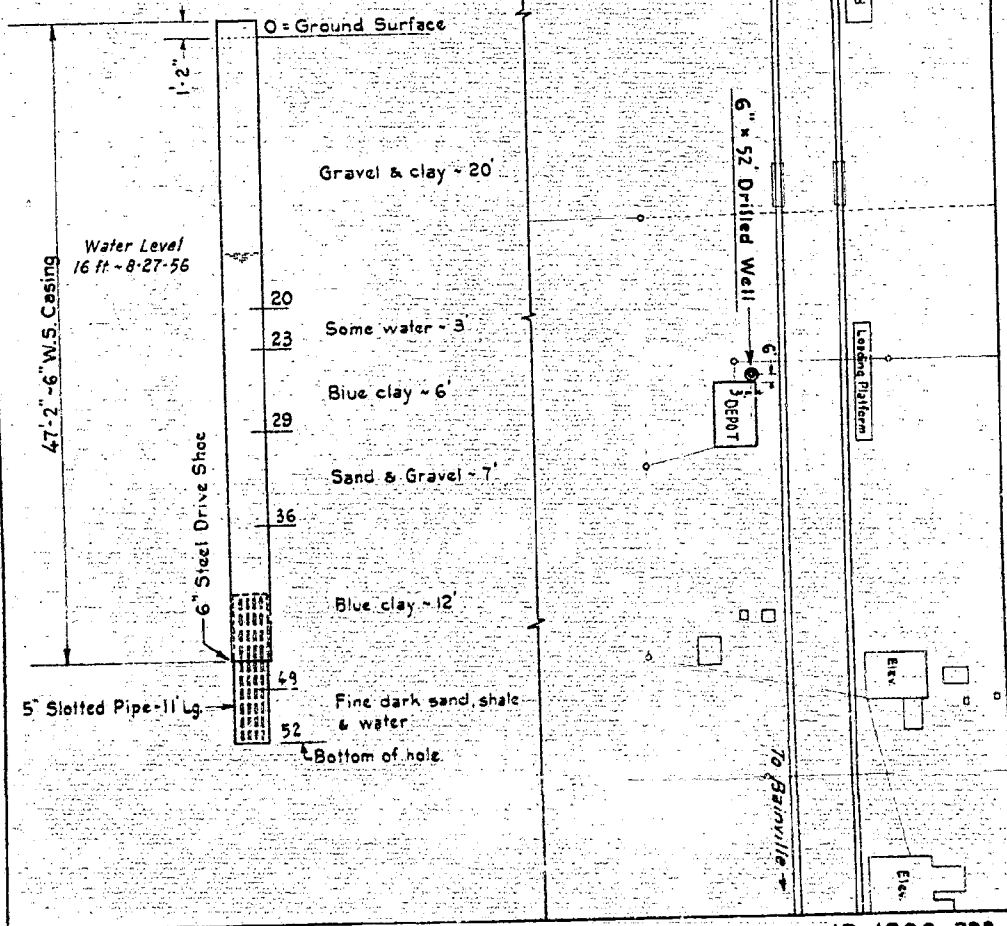
This well is leased to the U. S. Air Force.

RICHLAND, MONT. - Afe.

Well put down by Ry. Co. force and machine
C.M. Wick-driller

Drilling began 8-21-56 and finished 8-29-56

Water stands at 16 ft and pumps down to 21 ft
when delivering 5 G.P.M.



Engr. Water Service

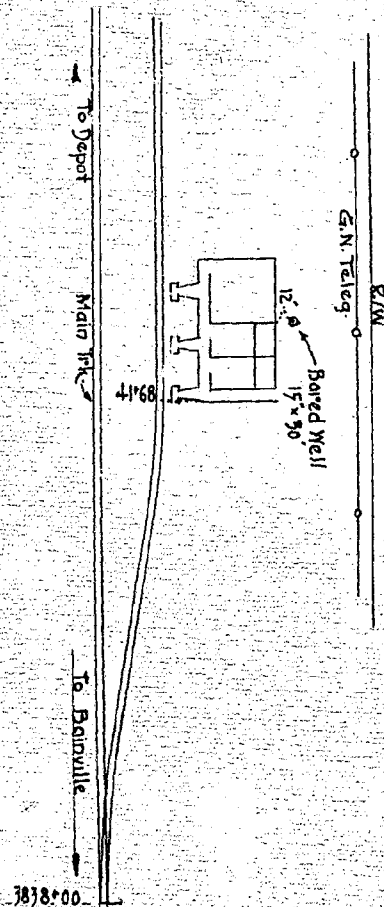
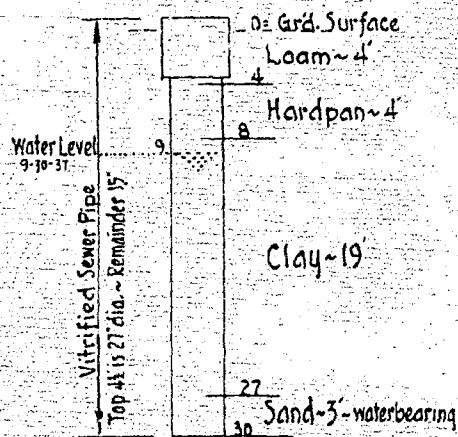
ID-1200-329

~ Richland, Mont. ~ Afe 52674 ~

Log of Bored Well put down at Stockyards
by James Towey under letter contract #10957
dated 8-17-1937.

Water level was at 9 ft. from Grd. Surface
and did not lower when pumped 1 1/2 hours.

Work began 9-15 & Completed 9-30-1937 ~



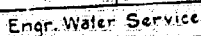
Engr. Water Service

1D-1200-206

own by Ry. Co. force and machine,
C.M. Wick driller

gan 9-24-56 and finished 10-8-56

ds at 35 ft. and pumps down to 37 ft.
ering 5 G.P.M.



1D-1200-312

432124

1705

STATE OF MONTANA, } ss.
County of Valley.

Filed for record

DEC 13 1962

at 9:00 o'clock P. M.

Mary Lou Eide

County Recorder

By Pauline Jacobson Deputy

File No. _____

DUPLICATE

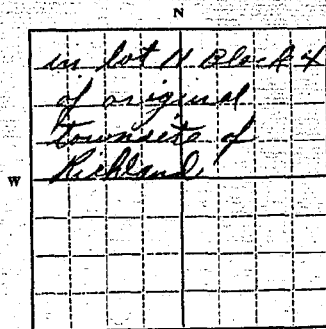
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 35 N. R. 43 E.
County Valley
RECEIVED
JAN 10 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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



N.E. 1/4 Sec. 2 T. 35 N. R. 43 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 general household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Feb. 18, 1960 for house hold use and continuous since then
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Not known
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 This well 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 electric powered pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started well Feb. 15, 1960 and finished Feb. 18, 1960
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 1 rotary drilled well about 1 foot in diameter, 6.5 ft deep
10. The estimated amount of groundwater withdrawn each year 50,000
11. The log of formations encountered in the drilling of each well if available No log kept
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 Rodman E. MillerDate Jan 8, 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.

3245

432521

17578

STATE OF MONTANA; } ss.
County of Valley.

Filed for record

JAN 8 1963

at 11:30 o'clock A.M.

Mary Lou Cook
County Recorder

By Pauline Johnson Deputy

GW

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

File No.

T 35 R 13 E

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R

JAN 17 1964

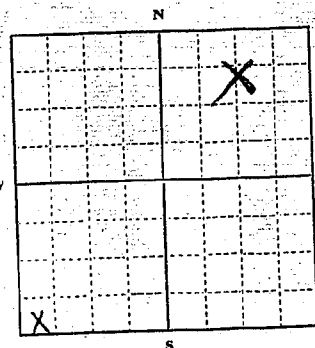
Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. School Dist # 9
(Name of Appropriator)

of Box 417 Ophir
(Address) (Town)

County of Valley 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 35 R 43

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

Richland

2. The beneficial use on which the claim is based. *public school*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *1926*
4. The amount of groundwater claimed (in miner's inches or gallons per minute).
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. *Irrigation of school grounds*
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. *from well in school yard*

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *1924*
8. The depth of water table. *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. *100 ft*
10. The estimated amount of groundwater withdrawn each year.
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

John M. Kovs, Signat
Date *Dec 30, 1963*

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

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

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

38070

439031

18458

STATE OF MONTANA
County of VALLEY

Recorders Office

DEC 30 1963

4125 P

MARY LOU ELLIS, Clerk & Recorder
By _____ Valley County

RECEIVED

NOV 20 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 25.0 R. 43.0 Sec. 3

County Yellow

WATER WELL LOG

Owner Mr. Rans Martin Address Richland, Montana

Driller A & B Drilling Co. Address Scobey, Montana

Date Started 10/2/58 Date Completed 10/3/58

Location: Sec 25 T 25 R 43 1/4 sec 3
Lot 5-6 Block 3, Townsite of Richland, Mont

Type of well Drill Equipment used Cable tool drilling machine
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: _____ ft. to _____ ft. Type steel tar coated Size 6"

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

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

Perforated or Screened: Ft. none to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 50 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date) 25

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

How tested: Miller

Length of test _____

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

Cemented shut-off 10 ft.

(over)

Log of Well

[illegible]

405156

15945

File No.

T.

35743

DUPLICATE

County

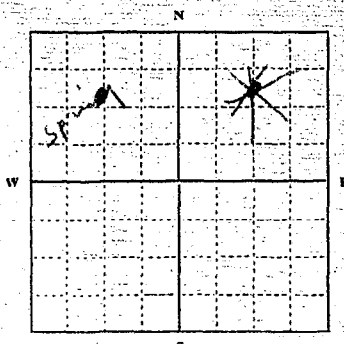
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



7th W. 1/4 Sec. 7 T. 35 R. 43

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
water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Spring
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 Gallons per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Gravity fed
Pipe - no development going
to be done

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Aug 1960
8. The depth of water table. Ground
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
10. The estimated amount of groundwater withdrawn each year 1,000,000
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Leo J. Zimmer
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.

37005

439167

18580

DEC 8 1963

315 L R

MARY LOU BEECHER Recorder
Hocking County, Ohio

File No. _____

T. 35 N 43 E

DUPLICATE

County _____

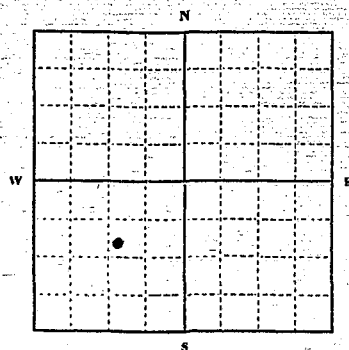
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



78 SW 1/4 Sec. 7 T. 35 N. R. 43 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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956
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 Electric PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1956
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 60 ft
10. The estimated amount of groundwater withdrawn each year 300,000 gal per year
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 Leo J. ZimmerDate 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.

37007

439169

18582

STATE OF MICHIGAN
County of ...
Twp. of ...

DEC 31 1963

³⁰⁵ MARY LOU EIDE Clerk & Recorder
Valley U.S. ...

File No.

T. 35 R. 43 E

DUPLICATE

County Valley

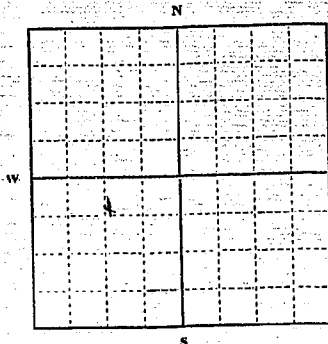
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NE SW 1/4 Sec. 7 T. 35 R. 43

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 well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug. 1950
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Livestock motor pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Aug. 1950
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 6.5 ft
10. The estimated amount of groundwater withdrawn each year 300,000
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Date Nov. 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.

37006

439168

18581

STATE OF MONTANA
County of Valley
Filed for record

DEC 31 1963

3105 *P*
MARY LOU *3105* Clerk & Recorder
Valley County

G

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

File No.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

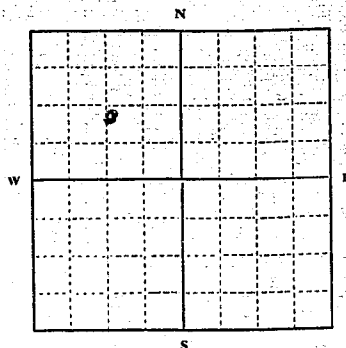
R

JAN 18 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SE NW 1/4 Sec. 9 T. 35 R. 43

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
Well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 12, 1963
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 names 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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 12, 1963
8. The depth of water table 35 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 7.1 ft
10. The estimated amount of groundwater withdrawn each year 600,000
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Date

Leo J Zimmer
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.

37008

439170

18583

STATE OF MONTANA
County of Valley

Filed for

DEC 8 1963

3:05
MARY LOU [illegible] Recorder
Valley County

GT

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

MAY 19 1964

T. 35 N. R. 43 E.

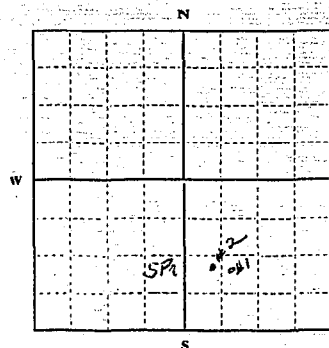
County valley

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SW 1/4 Sec. 10. T. 35. R. 43

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.
cattle
3. Date or approximate date of earliest beneficial use; and how continuous the use has been from 1950 on in winter
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1st 10 gal 2nd 8 gal 3rd 4 gal
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
no irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1st Pump 2nd Pump 3rd flowing spring
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1st 1962 2nd 1950 3rd flowing spring
8. The depth of water table 1st 10 ft 2nd 11 ft 3rd 4 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
1st 21 in hole 29 ft deep 2nd four ft sq 24 ft deep 3rd 3 ft casing 10 ft deep
10. The estimated amount of groundwater withdrawn each year each one used approx month each year about 18,000 gal each on 6 month basis
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 Borden GrayDate 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.

36822

438751

18207

STATE OF MONTANA, ss.
County of Valley.

Filed for record

DEC 27 1963

at 11:45 o'clock A.M.
by MARY LOU EIDE Clerk & Recorder
Valley County

By

File No.

DUPLICATE

T. 35 N. R. 43 E.
County ValleySTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

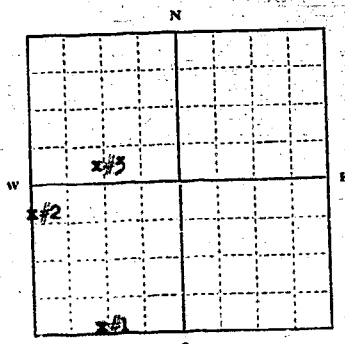
R

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



Sec. 14 T35 R43
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based
stockwater and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. #1 1951 used 1951 and 1961
#2 1951 used every year
#3 1961 used every year
4. The amount of groundwater claimed (in miner's inches or gallons per minute) #1 7 gallons per minute
#2 300 gallons per minute
#3 600 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
20 acres NW 1/4
10 acres SW 1/4
Francis and Marie Tarum
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
#1 pump
#2 and #3 water flows naturally at surface
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #1 Feb. 1951
#2 July 1950 #3 October 1960
8. The depth of water table #1 is 20 feet #2 and #3 water is at surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater #1 bored 18" diameter 50' depth
#2 800 cu. yds. excavated to depth of 9 feet
#3 12000 cu. yds. excavated to depth of 6 feet
10. The estimated amount of groundwater withdrawn each year 50 acre feet
11. The log of formations encountered in the drilling of each well if available
#1 not available
#2 and #3 gumbo, sand and gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
No other information available.

Signature of Owner

Francis Tarum
Marie Tarum
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.

30968

439128

18542

DEC 31 1963

1155 *a*

MARY LOU BICE Clerk Recorder
Valley County

File No.

T. 35N 41E

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Leo J. Zimmer

(Name of Appropriator)

of

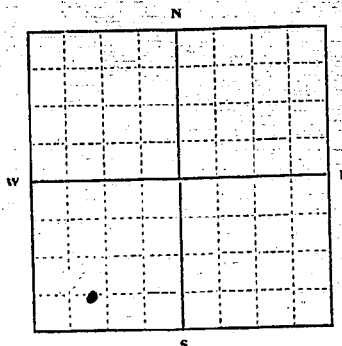
(Address)

Richard

(Town)

County of ValleyState of Montana

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



SW 1/4 Sec. 7, T. 35, R. 4E

Indicate point of appropriation and place of use, if possible. Each small square represents 16 acres.

2. The beneficial use on which the claim is based Livestock3. Date or approximate date of earliest beneficial use; and how continuous the use has been Spring4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 gallons per min.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal draining pipe
more development going to be done7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Aug. 19608. The depth of water table ground

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

10. The estimated amount of groundwater withdrawn each year 1,500,000

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

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

Signature of Owner

Leo J. Zimmer

Date

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.

37009

439171

18584

STATE OF MINNESOTA
COUNTY OF ST. LOUIS
Faint text, possibly a title or header.

DEC 31 1963

3:05

P.

MAINTENANCE RECORD
Valley County

OW

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

File No.

T. 35 N. R. 43 E.

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

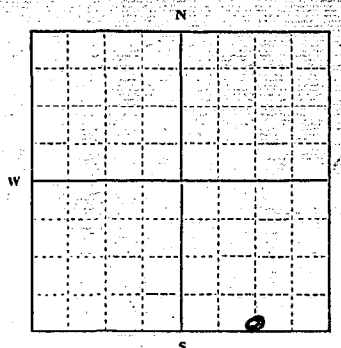
D
B

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



1/4 Sec. 18 T35 R43
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 Limestone

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1928

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1970 partial

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 none

10. The estimated amount of groundwater withdrawn each year about a 4" stream

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

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

Frank Heckner
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.

37140

439324

18720

STATE OF MONTANA
County of Valley
Filed for record

DEC 31 1963

Mary Lou Rude
at *P*
MARY LOU RUDE Clerk & Recorder
Valley, Montana

By _____ Deputy

File No.

DUPLICATE

T. 35 N. R. 43 E

County. Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

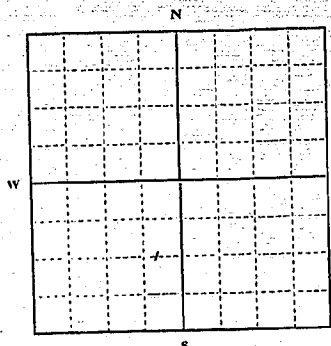
JAN 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Frank Fleckner of Richland (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 19 T. 35 R. 43

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 Limestone
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1960
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 Plus
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 & Jack

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

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 4' x 4' wood casing

10. The estimated amount of groundwater withdrawn each year 300 Gal per day

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

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

Signature of Owner

Frank Fleckner
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.

38095

439321

18717

STATE OF MONTANA
County of Valley

Filed for record

DEC 31 1963

445 P
MARY LOU EIDE Clerk & Recorder
Valley, Montana

By _____

File No.

DUPLICATE

T

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

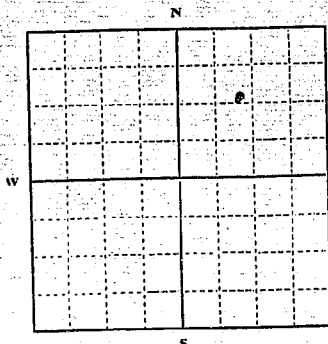
JAN 16 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



nw 1/4 Sec. 20 T. 35 R. 43

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
water
3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been since 1962
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 5 gallons per min.
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal gravity fed?
pipe more development is going
to be done
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater July 1962
8. The depth of water table ground
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
10. The estimated amount of groundwater withdrawn each year 2,000,000
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record

Signature of Owner

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.

37010

439172

18585

STATE OF MONTANA
County of Valley

Filed for record

DEC 31 1963

3.05 of book P

MARY LOU RICH, Clerk
Valley County, Montana

File No.

STATE WATER CONSERVATION BOARD

T. 35 R. 43

DUPLICATE

MAR 29 1967

County Valley

LOG

Bite

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Dicker

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

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

(Under Chapter 237, Montana Session Laws, 1961)

0-24' Brown Clay

Owner Alfred N. Dighans Address Richland Montana

24'-25' Coal

Driller Derr Drilling Co. Address Wolf Point, Montana

25'-86' Gray Clay

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

86'-92' Blue Clay

Date well started 9-29-66 Date completed 9-30-66

92'-100' Gray Sande Stone

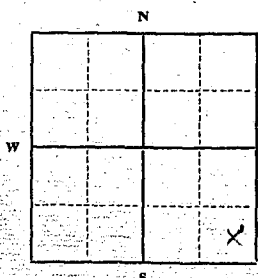
Type of well Drilled Equipment used Rotary
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

100'-145' Gray Clay

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐145'-180' gray Soft Sande
Clay

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)
9"	6"	0	180'	Screen	158'	180'



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

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

Pumping Water Level.....feet

at 20 gal. per minute.

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

How Tested PairedLength of Test 2Remarks: (Gravel packing, cementing, pack-ers, type of shutoff) Gravel PacketSE 1/4 Sec. 22, T. 35, R. 43
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 Addi-
tion):

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.Number 63

Driller's License Number

Driller's Signature

48 41833

19729

STATE OF MONTANA, } ss.
County of Valley.
Filed for record

MAR 28 1967

at 2.00 o'clock P. M.

Mary Louise
County Recorder

Marilyn White Depu

GW 3

File No.

DUPLICATE

T. 35 R. 43

County Valley

RECEIVED
MAY 6 1962

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

Owner J. L. Fick Address Red Bluff

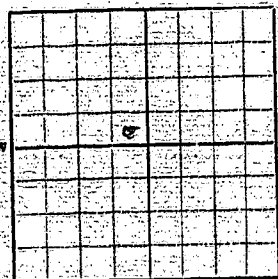
Contractor (if any)

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. Flowing spring



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

SE 1/4 Sec. 2 T. 35 R. 43

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

Signature of Owner J. L. Fick

Date 5-12-62

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 School of Mines and Quadruplicate for the Appropriator.

1612

GW 3

File No.

DUPLICATE

T. 35 R. 43 E. 25County Madison

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED
MAR 6 1962

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

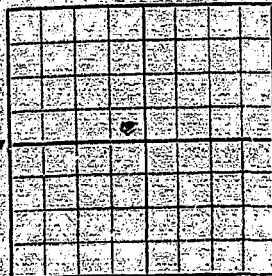
Owner John FuchsAddress Red Bluff

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. flowing spring

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.

SEW 1/4 Sec. 24 T. 35 R. 43

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

1" or less used year aroundSignature of Owner John FuchsDate 2-12-62

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 School of Mines and Quadruplicate for the Appropriator.

1612

427398

17266

STATE OF MONTANA } ss.
County of Valley
Filed for record

MAR 2 1962

At 4:30 P.M.
Mary Lou Eide
County Recorder
By Pauline Peterson, atty

File No.

T. 35 R 43 E

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Nov. 4, 1942Owner Herman Gauthier Address Ridgeland, Mont.

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. water flows to

surface, where cattle may
drink.

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.

use is intermittent and is used
for 20 head of cattle for five
months.

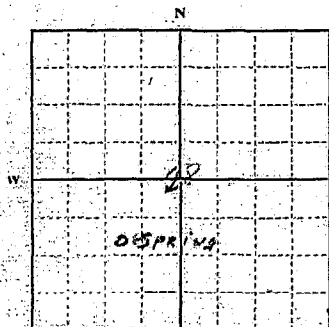
Signature of Owner Herman GauthierDate Dec. 27, 1963

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.



NE 1/4 Sec. 28, T. 35, R. 43

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

36868

438797

18253

STATE OF MONTANA, } ss.
County of Valley,
Filed for record

DEC 27 1963

at 4:00 P.M.
MARY LOU EIDE Clerk & Recorder
Valley County
By

File No.

T 35 N 43 E

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Oct. 10, 1942

Owner Theodore G. Hoban Address Richland, Mont.

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.

sub-irrigation for pasture land.
water also flows to surface
where livestock can drink.

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.

use is intermittent and
seasonal.

Signature of Owner Theodore G. Hoban

Date Dec. 27, 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.

36870

438799

18255

STATE OF MONTANA, ss.
County of Valley,
Filed for record

DEC 27 1963

¹⁰⁰
MARY LOUISE Clerk & Recorder
Valley County

by _____ Deputy

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 Glenn Stahl

Address Richland
Mont.

Date well started April 1-72
completed April 7-72

For Administrator's Use	
File	<u>20629, April 21, 1972</u>
	<u>4:00 P.M.</u>
GW	<u>1</u>

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

Equipment used Rotary
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

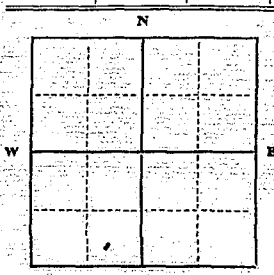
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>10 in</u>	<u>6 in Plastic</u>	<u>13 in above ground</u>	<u>79 ft</u>		<u>64 ft</u>	<u>79 ft</u>



SE 1/4 SW 1/4 Sec. 29
T. 33 N. R. 43 E. R. 12

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

Driller's Signature Peter Lassar Jr.

Driller's Address Richland Mont.

LICENSE NO. 175

County Valley

DRILLER'S LOG

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

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
<u>44</u>	<u>45</u>	<u>sand</u>
<u>45</u>	<u>47</u>	<u>water</u>
<u>47</u>	<u>49</u>	<u>sand rock</u>
<u>49</u>	<u>55</u>	<u>sandy clay</u>
<u>55</u>	<u>56</u>	<u>sand rock</u>
<u>56</u>	<u>80</u>	<u>sandy clay</u>
		<u>80 ft bottom of well</u>

80 ft Show exact depth of bottom

50,250

20629

STATE OF MONTANA }
County of Valley } ss.
Filed for Record

APR 21 1972

4:00 P.M.
Mary Lou Kade
County Recorder
D. Ray C. Deputy

M-20701

STATE OF MONTANA } ss.
County of Valley
Filed for Record

SEP - 7 1972

at 8:00 o'clock A. M.

Mary Landholt
County Recorder

By *David L. Smith* Deputy

G7

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

File No.

T. 35 R. 43

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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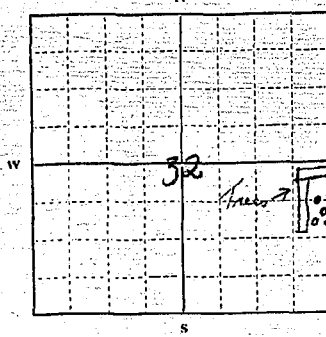
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Richard G. Urban of Box 37 Richland
(Name of Appropriator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 32, T. 35 R. 43
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, irrigation of trees, lawn and garden and weed spraying
3. Date or approximate date of earliest beneficial use; and how continuous the use has been first used in 1936 and has greatly increased since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gallons per minute from all three wells, maximum
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 for trees and other vegetation located in NE 1/4, SE 1/4 of Sec. 32, T. 35 R. 43,
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal location on map, A, B, & C. jet pump, and cylinder pump are used.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater old well abandoned, prior to wells A and B, dug in 1941, and well C dug in 1951
8. The depth of water table about 50 to 60 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater all wells are bored, 18 inch size. well A jet pump and is 84 feet deep. well B jet pump and is 50 feet deep. well C cylinder pump and is 50 feet deep.
10. The estimated amount of groundwater withdrawn each year 600,000 gallon
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 available

Signature of Owner

Richard G. Urban

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.

36867