

720233

STATE OF INDIANA
County of [unclear]

This instrument was recorded on
the 16th day of Dec 63
at 2:36 P.M.

Richardson

#900

RECEIVED
JUL 13 1960
STATE ENGINEER

T. T. N. R. 24 E
County Spell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner M. C. Mc Farland Address Molt, Mont.
Driller Clyde Sando Address 1141 Milrose,
Billings, Mont.
Date Started Oct. 10, 1959 Date Completed Oct. 20, 1959
Location: Sec. 4 T. T. N. R. 24 E $\frac{1}{4}$ sec.

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

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

Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____
Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____
Static Water level, for non-flowing well: _____ feet.
Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)
Pumping water level _____ feet at _____ gal per min.
How tested: Pump tested
Length of test _____

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

(over)

RECEIVED

File No.

T. 1N R 24E

DUPLICATE

MAY 6 1970

County Yellowstone

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground 0-2 TOP Soil

(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, as amended)

Owner F. Russell & S Parks Address 1233 Powell Blvd Billings Mont.

Driller B+H Drilling Address Fishhook Mont.

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

Date well started 4/2/70 Date completed 4/6/70

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.

23-82 Silt Brown

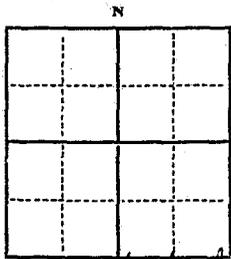
Clay

82-95 Silt & Sand

95-96 Very Shale

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 inch</u>	<u>65/8</u>	<u>2 1/2</u>	<u>96</u>	<u>Tech Cuts</u>	<u>88</u>	<u>95</u>
	<u>18.97</u>			<u>1/8 x 6</u>		

Disc. No. 860607
Filed for record
this 5 day of May
A. D. 19 70 at 10:20
o'clock a.



Static Water Level for non-flowing well 75 feet.

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

Pumping Water Level 84 feet
at 25 gal. per minute.

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

How Tested Bailed

Length of Test 3 hrs

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

Bill. Washelli Heights Sub
Blk 12, 43 Amended
..... Sec. 4 T..... R.....
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).

Show exact depth of bottom.

96 ft.

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.

returned.

No 27

Driller's License Number

Red L Haugay

Driller's Signature.

46413

46413

860607

STATE OF MONTANA
County of Yellowstone
This instrument was filed in my office
this 10:29 day of May 1970
at 10:29 o'clock A. M.
MERRYL H. KLUNDIT
County Clerk & Recorder
By [Signature] Deputy

GW 2

File No

DUPLICATE

LOG

RECEIVED
MAY 6 1970

Approved Stock Form—State Publishing Co. Helena, Montana—50351

T. W. R. 24 E

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1963

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

Order of F. P. Russell & Sons 1233 Hygiene Ave.

Driller: B + H Drilling Address: Tishley Inst.

Date of Notice of Appropriation of Groundwater: 4/21/70

Date well started: 4/12/70

Type of well: Drilled Date completed: 4/16/70

Water use: Drinking Equipment used: Clumdrill

Top of Ground 0-2 Top Soil
(Elev. above sea level)

2-13 Shallow Clay

RECEIVED

File No.

T. 1N R 24E
County Yellowstone

DUPLICATE

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground 0-2 TOP Soil

(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, as amended)

Owner: F. Russell & S. Parks Address: 1235 Appleton Ave. Billings, Mont.

Driller: B+N Drilling Address: Fischer, Mont.

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

Date well started: 4/2/70 Date completed: 4/6/70

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.

23-82 Soft Brown

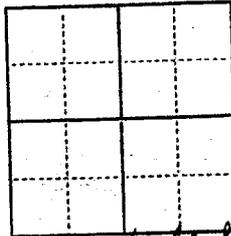
Clay

82-95 gravel & sand

95-96 Grey Shale

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	65/8	2 1/2'	96	Teach Cuts 1/8 x 6	88	95

Doc. No. 860607
Filed for record
this 5 day of May
A. D. 19 70 at 10:20
o'clock a.



St. Michelle Heights Sub
Blks 12, 13 Amended
1/4 Sec 4 T. R. 24E

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 75 feet.

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

Pumping Water Level 84 feet at 25 gal. per minute.

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

How Tested: Bailed

Length of Test: 2 hrs

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

(Continue on reverse side)

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

Show exact depth of bottom.

96 ft.

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.

No 27
Driller's License Number

Red L. Hanger
Driller's Signature.

46413

GV-4

File No.

DUPLICATE

T 17 R 24 E
County Yellowstone

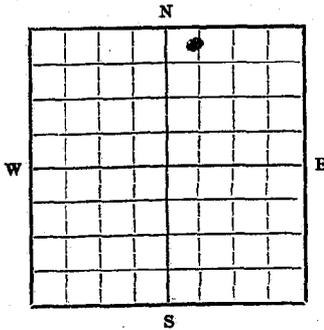
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

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

STATE ENGINEER

1. Walter G. Lohr of 5840 Chatot Rd. Oakland of
(Name of Appropriator) (Address) (Town)
County of Blaine State of California
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 of Sec 5 T 17 R 24 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 Stock water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1 - 1944
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 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 None
- 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 July 1 - 1944
- 8. The depth of water table 40 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
- 10. The estimated amount of groundwater withdrawn each year 25000 gal
- 11. The log of formations encountered in the drilling of each well if available not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date

Walter G. Lohr
Dec 19 - 63

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

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

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

GW-1

File No.

DUPLICATE

T. 17 R. 24 E. 6
County Yellowstone

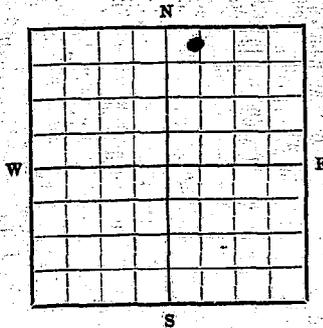
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights
(Under Chapter 287, Montana Session Laws, 1961)

STATE ENGINEER

1. Walter G. Horin (Name of Appropriator) of 5840 Chabot Rd. Oakland Calif (Address) (Town)
County of Blaine State of California
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 1/4 of Sec. 5 T. 17 R. 24 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 Stock water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1 - 1944
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 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 None
- 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 July 1 - 1944
- 8. The depth of water table 40 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
- 10. The estimated amount of groundwater withdrawn each year 15000 gal
- 11. The log of formations encountered in the drilling of each well if available not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Walter G. Horin
Date Dec 19 - 63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

720860

STATE OF MONTANA,)
County of Yellowstone,)
This instrument was filed in my office
this 26 day of Dec 1913
at 10-30 o'clock A.M.
Edmon S. Fording,
County Clerk & Recorder
By: [Signature] Deputy

9.00

GW 4

File No.

DUPLICATE

T 171 R 24E 6
County Yellowstone

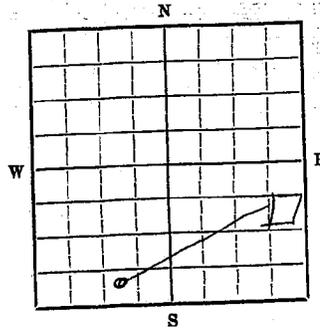
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 17 1963

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

STATE ENGINEER

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



SW 1/4 Sec. 6 T17N R24E

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 Hayfield, farmstead, livestock, garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1953
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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 approx 1 acre of garden same owner
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump and pipe line

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 1953
- 8. The depth of water table 6 feet with 4 veins show
- 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 Spined hole drilled 12.5 feet deep casing 40 feet at top
- 10. The estimated amount of groundwater withdrawn each year 2 million gals
- 11. The log of formations encountered in the drilling of each well if available None avail
- 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 Clinton B. McFarland
Date Dec 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.

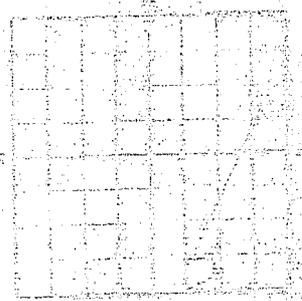
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

0
DEC 1963

720214

ADVANCED TO MOUNTAIN
COUNTY CLERK & RECORDER
BY THE COUNTY CLERK

RECORDED IN MOUNTAIN COUNTY
CLERK & RECORDER'S OFFICE



STATE OF MONTANA,
County of Yellowstone,

This instrument was filed in my office
this DEC 18 day 1963 19
at 2:06 o'clock P M.

Edmon S. Redding,
County Clerk & Recorder

By MT Deputy

2.00

GW
File No.
DUPLICATE

T 17N R 24E 6
County Yellowstone

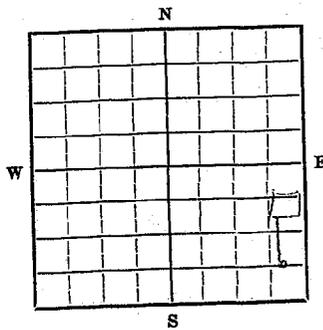
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 17 1963

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

STATE ENGINEER

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



SE 1/4 Sec. 6 T.17N R.24E

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 Supplemental supply for irrigated land & livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1928 continuous till 1953 when that use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gals. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applied
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump + pipe line

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater About 1928
8. The depth of water table Water seen at 100 ft rising to 50 ft 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 2 in. hole 150 feet deep, drilled, cased 60 feet.
10. The estimated amount of groundwater withdrawn each year at present approx 30,000 gals
11. The log of formations encountered in the drilling of each well if available None avail
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 Clinton B. McFarland
Date Dec. 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 School of Mines and Quadruplicate for the Appropriator.

720219

STATE OF MONTANA
County of Yellowstone

This instrument was filed in my office

on DEC 18 1968 at 2:16 o'clock P. M.

Lillian S. Hill
County Clerk & Recorder

By [Signature] Deputy

GW 1

File No.

DUPLICATE

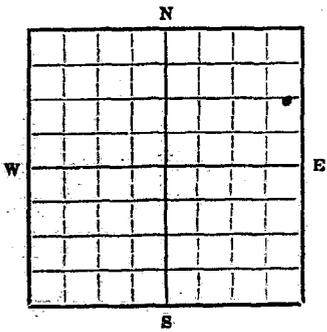
T. 17 N. R. 24 E 7
County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 17 1963
STATE ENGINEER

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

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



NE 1/4 Sec. 7 T. 17 N. R. 24 E
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based Livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945 - present each winter and each summer
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal per min
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applied
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal one pipe & pump jack

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1965
- 8. The depth of water table 50 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 2 inch hole, drilled, 12.5 ft deep and 30 ft
- 10. The estimated amount of groundwater withdrawn each year 50,000 gal
- 11. The log of formations encountered in the drilling of each well if available None avail
- 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 Clinton B. McFarland
Date Dec 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 School of Mines and Quadruplicate for the Appropriator.

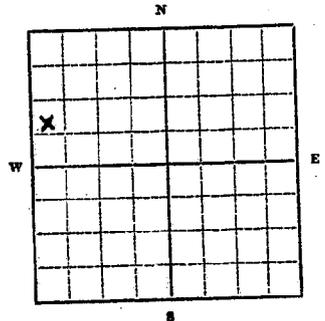
OW: _____
File No. _____

GAZETTE 12868 15
T 7N R 24E
County Jeff

DUPLICATE WATER CONSERVATION BOARD
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 21, Montana Session Laws, 1965)

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



~~NS~~ Sec. 8 T1N R24E

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

- 2. The beneficial use on which the claim is based stock water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920
when being used for stock
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.5 gal./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
784
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1920
- 8. The depth of water table 25'
- 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" X 60'
- 10. The estimated amount of groundwater withdrawn each year 150,000 gal.
- 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 Harold F. Downer
Date 12/30/65

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

10593

9

UNITED STATES

769208

DEC 30 1965

4:10

P

Jan 20

Handwritten notes and markings, possibly a signature or address, partially obscured by the grid.

Faint, mostly illegible handwritten text, possibly a letter or memo, located below the grid.

Small handwritten mark or initials at the bottom right of the page.

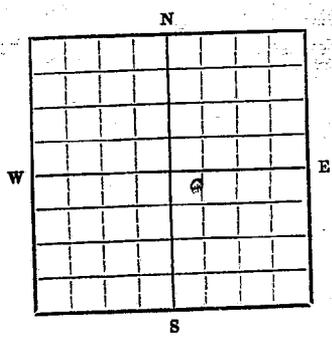
GW
File No.
DUPLICATE

T 171 R 24E 10
County Yellowstone

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 17 1963
STATE ENGINEER

1. Clinton B. M. Fairland of Molt
(Name of Appropriator) (Address) (Town)
County of Yellowstone State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 10 T. 14 N. R. 24 E
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based Livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950. All summer since the first year
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 gals per min
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applied
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal else pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct 1950
- 8. The depth of water table 30 ft
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 8 inch hole, drilled 150 feet deep, casing 36 ft
- 10. The estimated amount of groundwater withdrawn each year 250,000 gal
- 11. The log of formations encountered in the drilling of each well if available None avail
- 12. Such other inform. 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 Clinton B. M. Fairland
Date Dec 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 School of Mines and Quadruplicate for the Appropriator.

GV-1

File No.

T 17 R 24 E 10
County Yellowstone

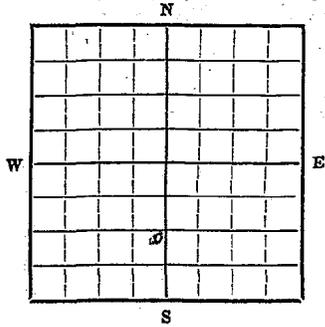
DUPLICATE

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 17 1963
STATE ENGINEER

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



SW 1/4 Sec. 10 T.11. R.24 E

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

- 2. The beneficial use on which the claim is based livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1936
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gal per min
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applied
- 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 Not known
- 8. The depth of water table 50 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 inch hole 100 ft deep
- 10. The estimated amount of groundwater withdrawn each year undetermined
- 11. The log of formations encountered in the drilling of each well if available None available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Clint B. M. Fulsand
Date Dec 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 School of Mines and Quadruplicate for the Appropriator.

GW

File No.

T 170 R 24E 10
County Yellowstone

DUPLICATE

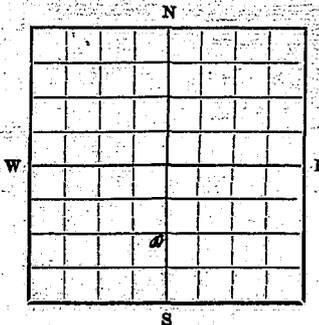
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
DEC 17 1963

STATE ENGINEER

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



SW 1/4 Sec. 10 T. 11. R. 24 E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1936

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

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

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 Not known

8. The depth of water table 50 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 in hole 100 ft deep

10. The estimated amount of groundwater withdrawn each year not known

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

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 Clinton B. McFarland

Date Dec 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 School of Mines and Quadruplicate for the Appropriator.

720216

STATE OF MONTANA
County of Yellowstone

This instrument was filed in my office
this 26th day of June, 1963
at 2:10 o'clock P. M.

Deborah S. Hamilton
County Clerk Recorder
For MK Deputy

A 2.00

GW

File No.

DUPLICATE

T. 11N R. 24

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

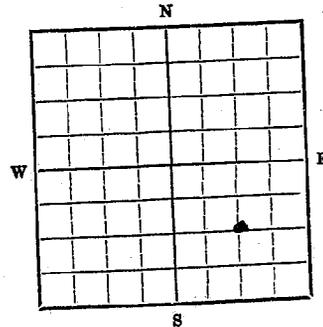
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. also known as Mary A. Rehberg
Mrs. A. J. Rehberg, of 2317 Rehberg Lane Billings
(Name of Appropriator) (Address) (Town)
County of Yellowstone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S 2 1/4 Sec. 15 T. 11N R. 24

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

- 2. The beneficial use on which the claim is based Livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Drilled as a homestead well improved in 1941 and since that time used continuously
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 9 gallons per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Drilled well operated by electric pump.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater completed prior to acquiring by A. J. Rehberg in 1941
- 8. The depth of water table 100 feet
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well 125 feet deep six inch well with four inch casing pumped by electric motor pump.
- 10. The estimated amount of groundwater withdrawn each year 2 million gallons per year
- 11. The log of formations encountered in the drilling of each well if available not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record dot too much information on this well. It has a good supply of water and has never been pumped dry with continuously heavy pumping.

Signature of Owner Mrs. A. J. Rehberg
Date Dec 28, 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 School of Mines and Quadruplicate for the Appropriator.

721159

STATE OF MISSISSIPPI
County of Madison, MS
This document is a true and correct copy of the original as shown to me by the person presenting it for recording.
DEC 30 1965
10/1/65
Notary Public
County of Madison, MS

Jaw
202

File No. _____
STATE WATER CONSERVATION BOARD
DUPLICATE

T. 1 N. R. 24 E
County Yellowstone

JAN 4 1965
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 21, Montana Session Laws, 1965)

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

X									
X									

abl Sec. 18, T. 1 N. R. 24 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, stockwater, irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1919
continuous use since 1919
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal/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 N.W. 1/4 of the N.W. 1/4 Sec. 18, 1 N, 24 E
- 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 1919
- 8. The depth of water table 30 ft.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1 drilled 6' X 40'
2 dug 7' X 50'
- 10. The estimated amount of groundwater withdrawn each year 500,000 gal.
- 11. The log of formations encountered in the drilling of each well if available shale
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Harold F. Downer
Date 12/30/65

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

40534

GW 2

File No.

T. 1 N. R. 24 E. Sec 20

TRIPPLICATE

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
May 17 1963

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level 4,000.0)

0 ft to 1 ft Top Soil
1 ft to 8 ft Yellow clay
8 ft to 32 ft Yellow sand
Rock
32 ft to 55 ft Fine gray sand rock
55 ft to 97 ft coarse gray sand rock
97 ft to 102 ft Dark shale
102 ft to 130 ft Gray sand rock
130 ft to 140 ft Fine sand rock

Owner Char Zimmerman Address P.O. Box 16 Billings

Driller Leroy Johnson Address 1145 Lyndon Bg

Date of Notice of Appropriation of Groundwater May 1 - 1963

Date well started May 1 Date Completed May 7 - 1963

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

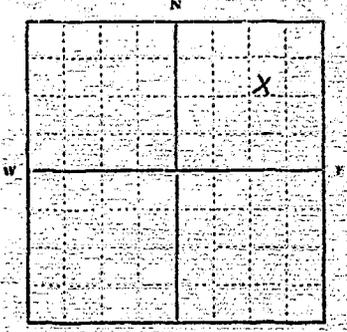
Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Water level 58 ft from grade

Water supply 20 gal per Min. Hit water at 80 ft and 130 ft

Size of Drilled Hole	Size and Weight of Casing	From (Feet)		To (Feet)		PERFORATIONS		
		From	To	From	To	Kind	From	To
7 3/4	8" heavy surface casing	1 ft from grade	9'			Factory Prepared		
						6"		



NE 1/4 Sec 20 T. 1 N. R. 24 E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.
140 ft

Static Water Level for non-flowing Well 58 feet

Shut-in Pressure for Flowing Well _____

Pumping Water Level 100 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer Length of Test 4 hrs

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)

719
Driller's License Number
Leroy Johnson
Driller's Signature

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

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

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

4389

STATE OF MONTANA } ss.
County of Yellowstone }

706994

This instrument was filed in my office

this 16 day of MAY 16 1963

at 1:14 o'clock P. M.

CHRIS RUBICE, County Recorder

By [Signature] Deputy

A 2 02

RECEIVED

OCT 1 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T 1 N R 24 E
County Yellowstone

WATER WELL LOG

	*	

Owner Chas Zimmerman Address Rt 1 Box 199 Big L
Driller Leroy C Johnson Address 941 - Coal Hill
Date Started Sept 18 - 1958 Date Completed Sept 23 - 1958
Location: Sec 21 T 1 N R 24 E sec IV NW 1/4 of S NW 1/4

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: 20 ft. to 19 ft. Type Black Size 8"

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

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

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

Type of screen or perforations _____

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

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

Pumping water level 180 feet at 8 gal. per min.

How tested: Bailer

Length of test 2 hrs.

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

(over)

760778

File No.

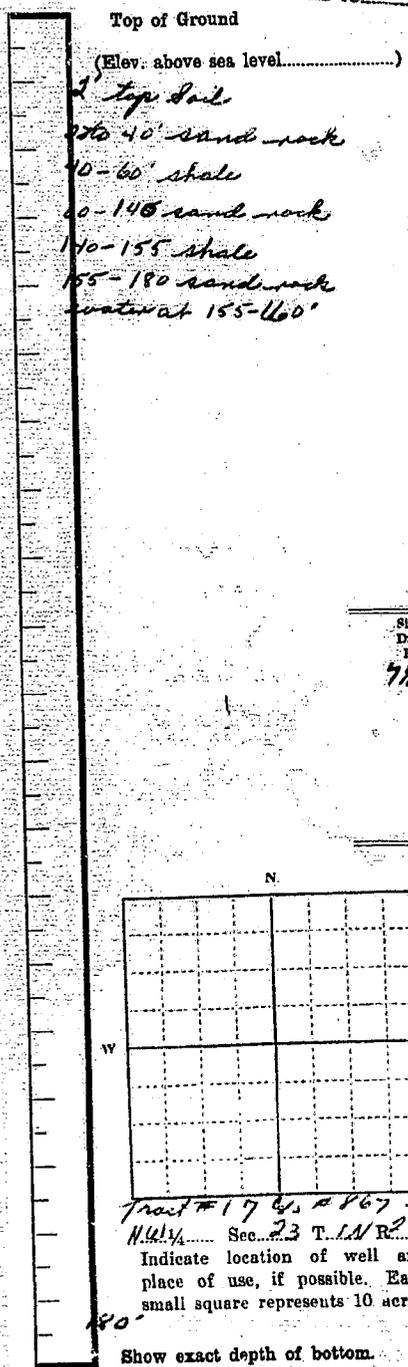
STATE WATER CONSERVATION BOARD
RECEIVE
AUG 31 1965

T. 11N. R. 24E
County Gilliam

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

REFERRED TO _____



Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 287, Montana Session Laws, 1961)

Owner JAMES HERTZ Address Bidney
 Driller _____ Address 1004 Nordbye Dr
 Date of Notice of Appropriation of Groundwater Bellings, Mont
 Date well started 8/10/65 Date Completed 8/17/65
 Type of well drilled Equipment Used table tool
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)
 Water Use: Domestic Municipal Other Irrigation
 Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7/8"</u>	<u>1 1/2 lb 2 1/2 O.D.</u>	<u>+1'</u>	<u>180'</u>	<u>cut 4x6-5"</u>	<u>160'</u>	<u>175'</u>

Static Water Level for non-flowing Well 130 feet.
 Shut-in Pressure for Flowing Well _____
 Pumping Water Level 130 feet at 15 gal per minute.
 Discharge in gal per min. of flowing well _____
 How Tested Bailing Length of Test 45 min
 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) _____

10 ACRES

Show exact depth of bottom.

36
 Driller's License Number
Charles E. M. Kachan
 Driller's Signature

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

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

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

39493

760778

875025



NOTARY PUBLIC

STATE OF MONTANA,
County of Yellowstone

This instrument was filed in my office
this 18 day of aug, 1963
at 1:20 P. M.

By [Signature] Deputy
County Clerk & Recorder

26

100

100

612

Well on melt road

File No.

STATE WATER CONSERVATION BOARD

T 1 N R 24E

QUADRUPPLICATE

JUN 30 1966

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 5000)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

first 26 ft fill and sand
26 = 45 yellow sand rock
45 = 65 gray sand rock
65 = 70 fine blue shale

Owner Larry Painter apt. Address 1066 Josephine Dr

Driller Ralph Koenig Address 1020 F. Linn Ave

Date of Notice of Appropriation of Groundwater May 15 - 66

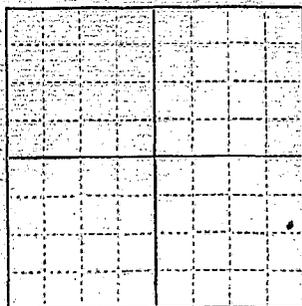
Date well started May 26 Date Completed May 28 - 66

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/4	26 ft 8 in Heavy Gauge 12 ft 6 in 20 gauge liner	top	70 ft	6 in	54 ft	70 ft



Static Water Level for non-flowing Well 35 ft from surface feet.

Shut-in Pressure for Flowing Well 0

Pumping Water Level 65 ft from surface feet at 1.2 gal. per minute.

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

How Tested packer Length of Test 1 1/2 hrs

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) none

NE 1/4 Sec. 23 T. 1 N R. 24 E

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

Show exact depth of bottom.

132
Driller's License Number

Ralph Koenig
Driller's Signature

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

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

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

4192

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Top of Ground
 (Elev. above sea level 50)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

2.6 = 45' Heavy Sand
45 = 65' Heavy Sand
65 = 70' Heavy Shale

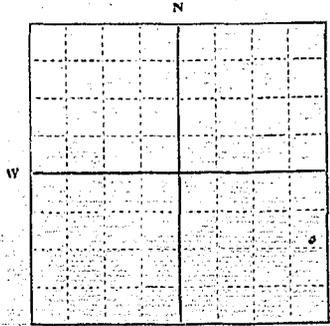
Owner Jerry Pendergast Address 10.66 Jasper Drive
 Driller Calvin Boenig Address 1020 F. Lammerton

Date of Notice of Appropriation of Groundwater May 15 - 66
 Date well started May 26 Date Completed May 28 - 66
 Type of well drilled Equipment Used Rock Tool
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
 Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 3/4</u>	<u>26 lb 5/8 in Heavy Gauge</u>	<u>top</u>	<u>70 ft</u>	<u>6 in perforated</u>	<u>54 ft to 70 ft</u>	<u>70 ft</u>



NE 1/4 Sec 23 T. 1 N. R. 24 E
 70' Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 39 ft from surface feet.
 Shut-in Pressure for Flowing Well 38
 Pumping Water Level 6.5 ft from surface feet at 1.2 gal. per minute.
 Discharge in gal. per min. of flowing well none
 How Tested meter Length of Test 1 1/2 hrs
 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) none

132
 Driller's License Number
Calvin Boenig
 Driller's Signature

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

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

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

781187

STATE OF MONTANA,)
(County of Yellowstone,)

This instrument was filed in my office

this JUN 29 1968 19

at 3:50 o'clock P M.

Edison S. Reading,
County Clerk & Recorder

By [Signature] Deputy

File No.

T. 1N. R. 24E

DUPLICATE

County Yellowstone

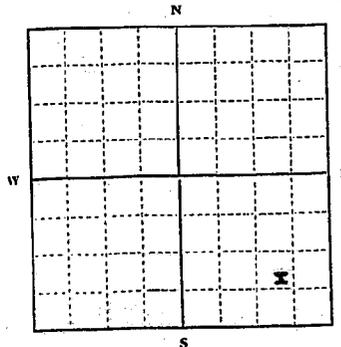
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, William W. Weeden, of 1414 Star Route, Billings,
(Name of Appropriator) (Address) (Town)
County of Yellowstone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based.
Household use.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
May 1957, continuous usage since that time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Two gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
None used for irrigation.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
By electric pump - SE 1/4, Sec. 23, T1N, R24E, MPM

SE 1/4, Sec. 23, T. 1N. R. 24E

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
Commenced and completed same during May, 1957
8. The depth of water table. 98 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.
Total depth 140 feet, 6 inch casing entire depth.
10. The estimated amount of groundwater withdrawn each year. 75,000 gallons.
11. The log of formations encountered in the drilling of each well if available.
Water produced from the Telegraph Creek Formation, drilled through Telegraph Creek and into Colorado Shale about ten feet.
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

William W. Weeden
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.

18426

721693

STATE OF MONTANA,
County of Yellowstone, ss.

This instrument was filed in my office
this DEC 31 1969 day of 19
at 2:59 o'clock P.M.

By [Signature] Deputy

RECEIVED
MAR 7 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 1 N R. 24 E
County Yellowstone

WATER WELL LOG

		X

Owner Char Zimmerman Address P.O. Box 199 Pulling

Driller LeL Anderson Address 828 Broadwater, Billings

Date Started Dec 6 - 1942 Date Completed Dec 10 - 1942

Location: Sec. 23 T. 1 N R. 24 E $\frac{1}{4}$ sec. N W $\frac{1}{4}$ Sec 23 - 1 N 24 E

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

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

Casing: 190 ft. to _____ ft. Type Steel Size 6 in

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

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

Perforated or Screened: Ft. 6 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 100 ft. from Surface feet at _____ 15 gal. per min. min

How tested: 2 in. Pipe Pump with Gasoline Motor

Length of test 4 hr

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

(over)

RECEIVED
MAR 1 1956

T. 1 N R. 24 E
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana
STATE ENGINEER

WATER WELL LOG

		X

Owner Chas Zimmerman Address P.O. Box 199 Billings
 Driller Roung & Johnson Address 941 Cook Ave Billings
 Date Started Dec 9-1956 Date Completed Dec 15-1956
 Location: Sec. N. 24 E T. 1 N R. 24 E 1/4 sec. N. 24 E Sec. 23-N-24E

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

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

Casing: 124 ft. to _____ ft. Type Steel Size 6 in

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

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

Perforated or Screened: Ft. 6 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 84 ft from surface at 20 gal. per min.

How tested: 2 In. Pump, With Gasoline Motor

Length of test 6 hrs

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

(over)

T. 1N R. 24E

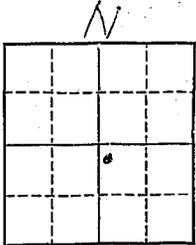
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUL 18 1961

WATER WELL LOG

STATE ENGINEER



Owner Chas Zimmerman Inc Address Rt 1 Box 16 Biggs

Driller Leroy E Johnson Address 1145 Lynn Ave

Date Started June 9 - 1961 Date Completed June 13 - 1961

Location: Sec 23 T 1N R 24E 1/4 sec 23-1N-24E

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

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

Casing: 44 ft. to 43 ft. Type Black Dural Size 6"

Casing: _____ ft. to _____ ft. Type Sheet Metal Size 5"

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

Perforated or Screened: Ft. 21 to ft. 79 Ft. 110 to ft. _____

Type of screen or perforations Factory Pref

Static Water level, for non-flowing well: 70 ft from surface feet.

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

Pumping water level 4 ft feet at 12 gal. per min.

How tested: Bailer

Length of test 4 hrs

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

(over)

File No.

DUPLICATE

T. 1 N. R. 24 24

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

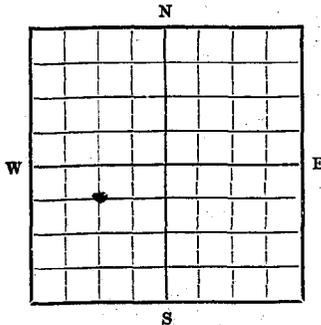
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

as Mary A. Rehberg

1. Mrs. A. J. Rehberg, also known/ of 2317 Rehberg Lane Billings
(Name of Appropriator) (Address) (Town)

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



S. W. 1/4 Sec. 24 T. 1 N. R. 24

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Drilled in 1955 by Anderson Drilling Co and has been in continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 Gallons per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Drawn by electric pump 3/4 horse power

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater completed in 1955

8. The depth of water table 90 feet 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 Drilled well six inch with a four inch casing; 120 feet deep.

10. The estimated amount of groundwater withdrawn each year one and one-half million gallons

11. The log of formations encountered in the drilling of each well if available Not available
Well drilled by Anderson Drilling Co.

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 Good supply of water and can be pumped continuously without pumping dry.

Signature of Owner Mrs. A. J. Rehberg
Date Dec 28, 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 School of Mines and Quadruplicate for the Appropriator.

Form No. 8
8-60

T. I N R. 24 E
COUNTY Yellowstone
JAN 2 1962

CENTRAL BUREAU OF LINES AND SECTION
Butte, Montana

STATE ENGINEER

Water Well Log

Owner W m Staley (Lease) Address West Billings
 Driller P & K Oil Drilling Co Address P O Box 592
Billings Mont
 Date Started April 5th 59 Date Completed April 7 59
 Location: Sec. 27 T. I N R. 24 E Sec. Center of Sect

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

Water use Domestic Municipal Stock Irrigation
 Industrial Drainage Other _____

Casing I ft. to 40 Ft ft. Type 3 3/4 O D Size _____

Casing _____ ft. to _____ Ft. Type _____ Size _____

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

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

Type of screen or perforations Blashed with Cutting Torch. 35 to 40 ft

Static water level, for non-flowing well: 35 feet feet.

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

Pumping water level 35 ft feet at 5 to 6 gal. per min.

How tested: Ballor

Length of test 4 hrs

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

Basing drove in Glacial Drift. to 40 ft

0 to 5 ft top soil, 5ft to 35 ft Eagle Sand Stone

35 ft to 40 ft glacial drift

T. I N R 24 E

County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

WATER WELL LOG

STATE ENGINEER

Owner Lavinia Kinney Address 10 Mi west on

Driller P & K Oil Drlg Co Address Grand Ave Billings

Date Started June 10 61 Date Completed July 7th 61

Location: Sec. 31 T I N R. 24 E 1/4 sec. S W

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

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

Casing: 1 ft. to 40 ft ft. Type 3/4" O D Size Steel Casing

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

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

Perforated or Screened: Ft. 35 to ft. 40 Ft. _____ to ft. _____

Type of screen or perforations Blashed with Cutting Torch

Static Water level, for non-flowing well: 8 ft. _____ feet.

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

Pumping water level 8 ft feet at 5 to 6 gal gal. per min.

How tested: Pump

Length of test One Week

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

Casing Drove in Glacial Deposit to Migratory water zone

(over)

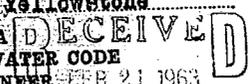
File No.

T. I. N. R. 24 E

DUPLICATE

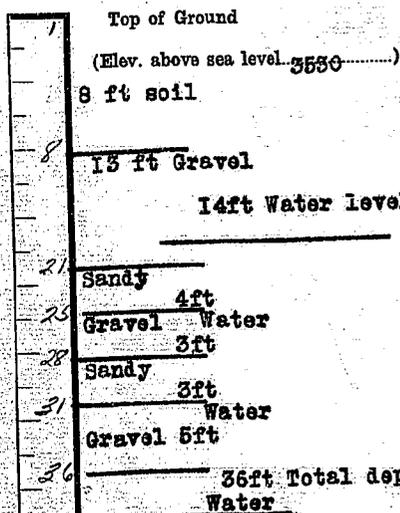
County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER FEB 21 1963



Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

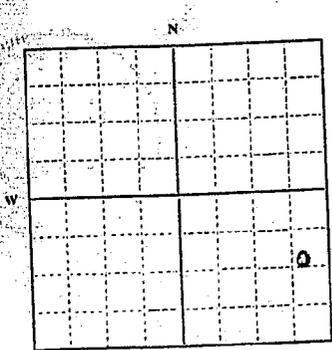


Owner Fred M Henderson Address Rte. No. 1
 Catherine A Henderson
 Driller P. & I OIL DRILLING CO Address P. O. box 592
10 Miles west on Grand Av.
 Date of Notice of Appropriation of Groundwater Feb 19th 63
 Date well started Feb 1st Date Completed Feb 19th 1963
 Type of well DRILLED Equipment Used Cable
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)
 Water Use: Domestic Municipal Other Irrigation
 Industrial Drainage Stock

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

Total depth of casing 35 ft to bottom of Well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
10 inch	Medium Weight	8 ft				
8 inch	*****	21 ft				
6 1/2 inch	*****	21 ft	Perforated	at 3 ft intervals	# 0 to 15 ft	
6 1/2 inch	Liner with packer (Collar)					



Sec. 1/4 Sec. 55 T. I. N. R. 24 E
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

36 Ft.

Static Water Level for non-flowing Well 14 ft feet.
 Shut-in Pressure for Flowing Well
 Pumping Water Level 25 ft feet at 20 gal. per minute.
 Discharge in gal. per min. of flowing well
 How Tested Ball Length of Test 2 hrs

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

Driller's License Number

Earl W Kinney
48

Driller's Signature
Earl W Kinney

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

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

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

701079

STATE OF MONTANA) ss.
County of Yellowstone)

This instrument was filed in my office

this FEB 20 1963 19

at 2:38 o'clock P M.

SWIS RUBICK, County Recorder

[Signature] Deputy

\$ 2.00

RECEIVED

File No. 9W2

MAR 31 1967

Sec 35 T. 1 N. R. 24 E
C/S # 989 County Yellowstone

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Melvin F. Ellis Address Route 1, Billings, Mont.
Driller Melvin F. Ellis Address 4028 2nd Ave. S.E. Billings, Mont.

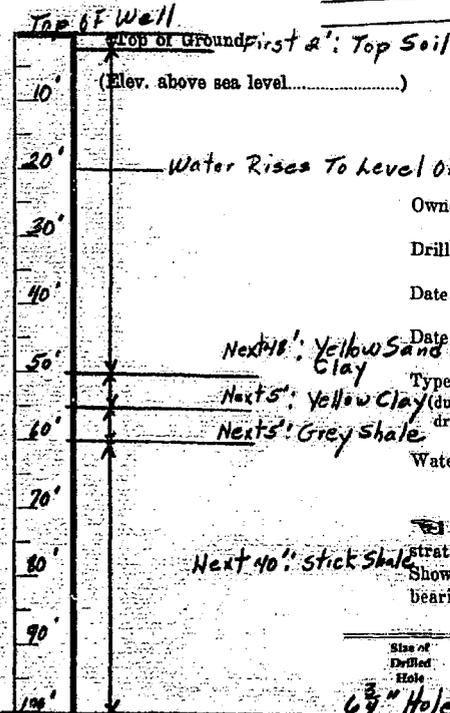
Date of Notice of Appropriation of Groundwater.....

Date well started June 17, 1962 Date Completed June 21, 1962

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

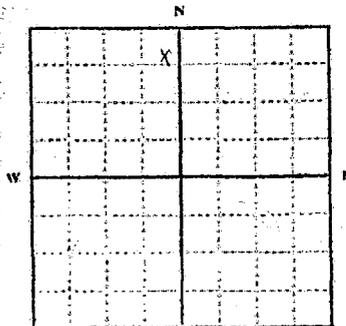
Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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



Well Drilled To A Depth of 100'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/4" Hole	8" Casing	Top	54'			
	6" I.D. Casing	54'	Bottom 100'			



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..... Length of Test.....

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).....

Map Sec. 35 T. 1 N. R. 24 E

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

Show exact depth of bottom.

165
Driller's License Number

Melvin Ellis
Driller's Signature

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

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

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

42,180

803342

STATE OF MONTANA,
County of Yellowstone,

This instrument was filed in my office
this 28 day of July 1967
at 2:10 o'clock P.M.

MAE HOFF, ACTING
County Clerk of Yellowstone

By *M.H.* Deputy

STATE OF MONTANA
COUNTY OF YELLOWSTONE
RECORDED
INDEXED

File No.....

ORIGINAL

SEC 36 T. 1 NORTH R. 24 E

County YELLOWSTONE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

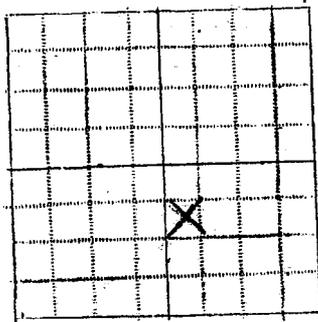
RECEIVED
JAN 2 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

RALPH BLANKENBAKER, of RT #1 BOX 37 BILLINGS
(Name of Appropriator) (Address) (Town)

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



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
LAWN & SIOUX
3. Date or approximate date of earliest beneficial
use; and how continuous the use has been- 1950
4. The amount of groundwater claimed (in miner's
inches or gallons per minute- 100
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
RALPH BLANKENBAKER
6. The means of withdrawing such water from the
ground and the location of each well or other
means of withdrawal- ELECT PUMP
7. The date of commencement and completion of the construction of the well, wells,
or other works for withdrawal of groundwater- 1950
8. The depth of water table- 2-0
9. So far as it may be available, the type, size and depth of each well or the gen-
eral specifications of any other works for the withdrawal of groundwater- 14-0
10. The estimated amount of groundwater withdrawn each year- 107500
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 Ralph Blankenbaker
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 & Recorder; Duplicate to the State Engineer; Triplicate
to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator

File No.

Sec 36 T. 1 NORTH R. 24 E
County YELLOWSTONE

ORIGINAL

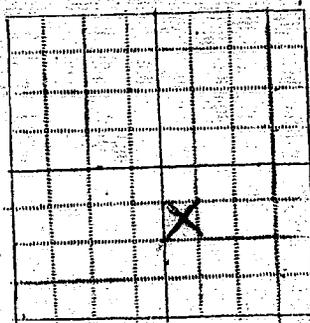
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

RALPH BLANKENBAKER, of RTE #1 BOX 39 BILLINGS
(Name of Appropriator) (Address) (Town)

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



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
LAWN & STOCK
- Date or approximate date of earliest beneficial
use; and how continuous the use has been 1950
- The amount of groundwater claimed (in miner's
inches or gallons per minute) 1/2
- 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
WATER RALPH BLANKENBAKER
- The means of withdrawing such water from the
ground and the location of each well or other
means of withdrawal ELECT. PUMP

7. The date of commencement and completion of the construction of the well, wells,
or other works for withdrawal of groundwater 1950

8. The depth of water table approx 8-0

9. So far as it may be available, the type, size and depth of each well or the gen-
eral specifications of any other works for the withdrawal of groundwater 14-0

10. The estimated amount of groundwater withdrawn each year 109500

11. The log of formations encountered in the drilling of each well if available
see log 10-2-63

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

Signature of Owner Ralph Blankenbaker
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 & Recorder; Duplicate to the State Engineer; Triplicate
to the Montana Bureau of mines and Geology, and Quadruplicate for the appropriator

721679

STATE OF MONTANA,
County of Yellowstone,

This instrument was filed in my office

DEC 31 1963

at 2:45

County Clerk of Yellowstone

By *[Signature]* Deputy

T. 1 N R. 24 E

County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

WATER WELL LOG

STATE ENGINEER

Owner: Grand Ave Trading Post Address: Rt 1
Billings Mont
 Driller: P. & K. Oil Drlg. Co Address: P.O. Box 592
Billings Mont
 Date Started: July 18 61 Date Completed: Open
Well.
 Location: Sec. 36 T. 1 N R. 24 E sec. 37

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

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

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

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

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

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

Type of screen or perforations: _____

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

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

Pumping water level: 12 ft feet at _____ 3 to 6 gal. per min.

How tested: Ballar

Length of test: 2 hrs

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

Drilled to 35 ft to gravel migratory water zone

(over)

935859

STATE OF MONTANA, ss.
County of Yellowstone.

That the date of was filed in my office.

JUN 6 1912

4.00 P

FRANK M. FROUNT
County Clerk & Recorder

Jaw Deputy

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ll.

935860

STATE OF MONTANA }
 County of Yellowstone }
 This instrument was filed in my office
 this 4.01 day of JUN 6 1973
 at Helena, Montana
 by Devy Deputy

2

Register of Deeds

tom

RECEIVED

Yellowstone
County

STATE PUBLISHING COMPANY
GW 2 Revised 1969

JUN 7 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

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

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 Bose Pestal
Address 68th St West
& Grand Ave
Date well started ~~18th July 1968~~
1st July 1968
completed same day

For Administrator's Use
File 935861
June 6, 1973
GW 1 4:02 p.m.

Type of well Water Cable Tools
(Dug, driven, bored or drilled)

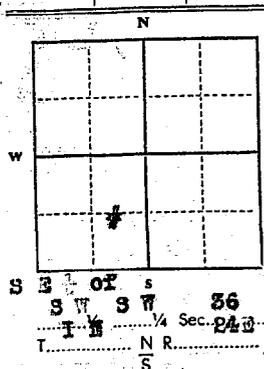
Equipment used *****
(Churn drill, rotary or other)

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). Water is Alkaline lawn etc

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>12" 6"</u>	<u>same</u>	<u>0</u>	<u>to 35</u>			
		<u>0</u>	<u>to 40 ft</u>	<u>35</u>	<u>40</u>	



Static water level 10 ft ft.*
Pump water level 15 ft ft.*
at 60 gallons per minute,
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by electric
for 1 1/3 HP
Power 1 1/3 Pump 1 1/3 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) Gravel

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

Driller's Signature Earl W Kinney

Driller's Address P & K Drilling Co

LICENSE NO. 48

P O Box 592 Billings Mont

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
<u>0</u>	<u>55</u>
	<u>Sandy loam</u>
<u>35</u>	<u>40</u>
	<u>glacial drift</u>
	<u>chert</u>
	<u>formation</u>

48 ft Show exact depth of bottom

53,397