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STATE OF MONTANA.  
County of \_\_\_\_\_  
SEP 26 1972  
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File No. ....

DUPLICATE

T. 6 N. R. 28 E

County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

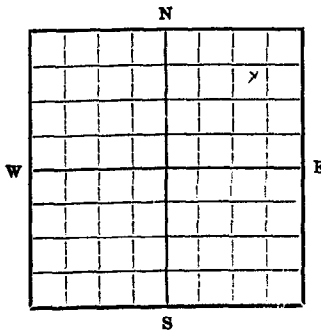
RECEIVED  
DEC 30 1963

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Mrs. Gertrude Marsh, of Warden  
(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 of Sec 22 T6N R28E

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

2. The beneficial use on which the claim is based Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
about 1957 and continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
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  
pump & motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Started & completed about 1957
8. The depth of water table about 100 ft. to water
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 is 200 ft. deep  
other not available
10. The estimated amount of groundwater withdrawn each year 900,000
11. The log of formations encountered in the drilling of each well if available  
not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
Not available

Signature of Owner

Date 12/14/63

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.

16273

721332

STATE DEPARTMENT

DEC 30 1963

4.19 P

*Jan*  
*ga*

GW

File No. ....

DUPLICATE

T. 6N R. 28E 22  
County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

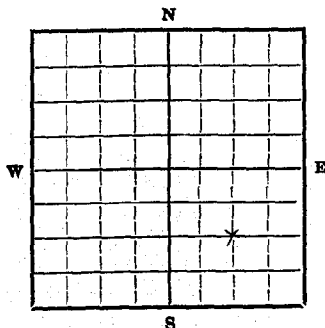
RECEIVED  
DEC 30 1963

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Fred & Gertrude March, of Warden  
(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.E. 1/4 Sec. 22 T. 6N R. 28E

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

2. The beneficial use on which the claim is based stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1945 manip continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 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 pump & motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater about 1945 started & completed
8. The depth of water table 100 ft. to water
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 is 220 ft. deep other not avail. etc
10. The estimated amount of groundwater withdrawn each year 900,000
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available

Gertrude March  
Signature of Owner Fred & Gertrude March  
Date Jan 10, 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.

16272

721331

DEC 30 1963  
4:08

*Jan*  
*2a*

File No.....

T6N.....R...28.E....

ORIGINAL

County Yellowstone.....

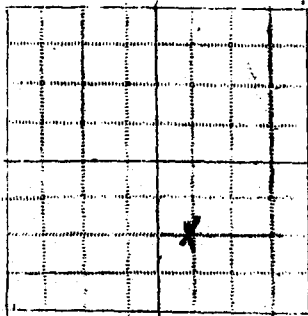
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

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

1. Glenn K. Penn -----, of Mussellshell -----  
(Name of Appropriator) (Address) (Town)

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



-- Sec 23 T6N R. 28E  
Indicate point of appropriation  
and place of use, if possible.  
Each small square represents  
10 acres.

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

3. Date or approximate date of earliest beneficial  
use; and how continuous the use has been-  
Sept 18th 1943 Continuous

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

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

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

7. The date of commencement and completion of the construction of the well, wells,  
or other works for withdrawal of groundwater- Sept 18th 1943, Completed Sept 18, 43

8. The depth of water table- 30 Feet

9. So far as it may be available, the type, size and depth of each well or the gen-  
eral specifications of any other works for the withdrawal of groundwater-  
6 Inch Hole 55 Feet

10. The estimated amount of groundwater withdrawn each year- 800,000 Gallons

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

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

Signature of Owner Glenn K. Penn  
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

721683

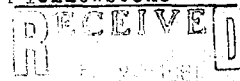
STATE OF MONTANA, }  
County of Yellowstone, }  
This instrument was filed in my office  
this 21 day of July 1933  
at 9:49 o'clock P M.  
Edman S. Redding,  
County Clerk & Recorder  
By gaw Deputy 1  
4<sup>th</sup>



Form No. 18  
8-60

T. 6N R. 28E  
COUNTY Yellowstone

DEPARTMENT OF MINES AND GEOMETRY  
Butte, Montana



Water Well Log

STATE ENGINEER

Owner <u>Sam Smeding</u>	Address <u>Musselshell</u>
Driller <u>Anderson Drilling Co.</u>	Address <u>Billings</u>
Date Started <u>Sep. 16, 1943</u>	Date Completed <u>Sep 18, 1943</u>
X Location: Sec. <u>23</u> T. <u>6N</u> R. <u>28E</u> 1/4 Sec. <u>SE 1/4</u>	

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

Water use Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing 0 ft. to 55 ft. Type galvanized Size 6 in.

Casing \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. 46 to ft. 55 .Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations unknown type

Static water level, for non-flowing well: 30 feet.

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

Pumping water level 45 feet at 10 gal. per min.

How tested: pump

Length of test 2 hr.

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

File No. ....

DUPLICATE

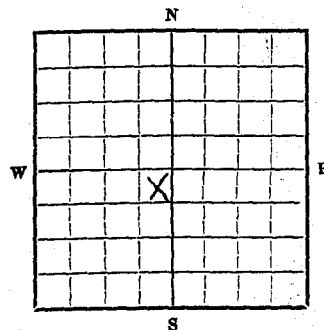
6N 28E S424  
 T ~~34~~ R ~~24~~ Sec ~~24~~  
 County Yellowstone

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. Ben K. Hoban, of Shepherd  
 (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: Sec 24 6N-28-E



NW  $\frac{1}{4}$  Sec 24 T6N R28E

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 Well - irrigation & stock water use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1941 - continuous to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none  
4 gal. per minute
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by gas motor and pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not known - before 1941 -
8. The depth of water table 8.0 ft. bottom - 4.0 ft. top.
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 inch casing and 1 1/4 well pipe.
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 mostly dirt and some gravel rock.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Ben K. Hoban

Date 12-7-63

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.

24 66

719742

STATE OF MONTANA )  
County of Yellowstone )

This instrument was filed in my office  
this DEC 9 1963

at 2:30 P.M.

City of \_\_\_\_\_  
County of \_\_\_\_\_

*Jaw*  
20

Notary

Well No. 4

T. 6N R. 28E  
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

STATE ENGINEER


Owner Frank Moush Address Harding Mont.  
Driller Clyde Sando Address 1141 Wallace Ave.  
Date Started June 7, 1961 Date Completed June 19, 1961  
Location: Sec 26 T. 6 R. 28E sec. NW SE

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 0 ft. to 14 ft. Type black surface Size 8 inch

Casing: 14 ft. to 146 ft. Type galvanized Size 6 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: \_\_\_\_\_

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

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

Pumping water level: \_\_\_\_\_ feet at 7 gal. per min.

How tested: \_\_\_\_\_

Length of test: \_\_\_\_\_

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

(over)

### Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	4	sail
4	96	shale
90	110	sand rock
110	125	shale
125	150	sand rock
140	15	

File No. ....

DUPLICATE

T 6 N R 28 E

County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

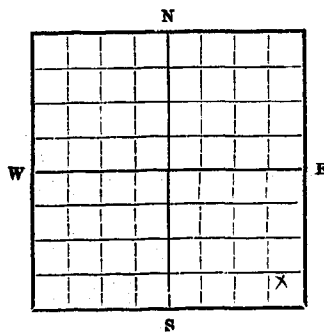
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 30 1963

STATE ENGINEER

1. Frederick & Gertrude Marsh, of Warden,  
(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:



SE 1/4 of Sec 26 T6N R.28E

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

2. The beneficial use on which the claim is based Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
Drilled in 1960 & used continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
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  
pump motor & windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
well started & completed in 1960
8. The depth of water table 50 ft. to water
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 is 200 ft. deep - other not available
10. The estimated amount of groundwater withdrawn each year 900,000 gal.
11. The log of formations encountered in the drilling of each well if available  
Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
Not available

Signature of Owner

Frederick Marsh

Date

12/26/63

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.

16269

721328

STATE OF MONTANA,  
County of Yellowstone.

This instrument was filed in my office

on DEC 30 1963 at 4:25 P. M.

by J. S. Deputy

County Clerk & Recorder

By J. S. Deputy

206

GW

File No. ....

DUPLICATE

T. 6 N R. 28 E 2  
County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

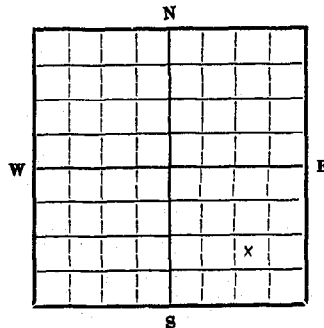
RECEIVED  
DEC 30 1963

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Fred & Gertrude Marsh, of Warden  
(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:



3 E 1/4 Sec 28 T6N R28E

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 & irrigation  
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946 used continuously since  
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal. per min.  
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1 acre irrigated for garden Fred Marsh  
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump with electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well started & completed in 1946  
8. The depth of water table 80 ft. to water  
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 is 125 ft. deep other not available  
10. The estimated amount of groundwater withdrawn each year 1,000,000 gal.  
11. The log of formations encountered in the drilling of each well if available not available  
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available

Signature of Owner Gertrude Marsh  
Fred Marsh  
Date 12/10/63

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.

16270



721329

and microfilm. I intend to send you a copy of the original and a copy of the microfilm. I will also send you a copy of the original and a copy of the microfilm.

OFFICE OF THE ATTORNEY GENERAL

DEC 30 1963

4:06

P.

JLS

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937310

JUN 22 1973

11:50 A

By *W. H. H. H. H.*

*20*

File No. 686-986

DUPLICATE 6-25-62  
10:34 AM  
7-2-62

Town R-23 East

County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

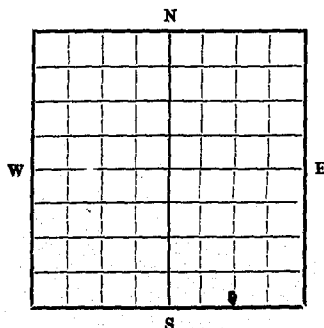
**Declaration of Vested Groundwater Rights**

(Under Chapter 287, Montana Session Laws, 1961)

STATE ENGINEER

1. Bill Wagner, of London, W (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:



SWSE Sec. 36 1N 28E

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 Advisory

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1952  
used from 3 to 12 months per year.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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 Not app.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilled and completed in May 1951

8. The depth of water table 41 feet from 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 Drilled well 6 inch hole and 70 ft. deep.

10. The estimated amount of groundwater withdrawn each year 100,000 gallons per year.

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

Signature of Owner Bill Wagner

Date June 25, 1962

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

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

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

File No. 686 PD7.

T. 6 N. R. 28 E.

DUPLICATE 2nd 6.25.62 010.36 Am

County Yellowstone

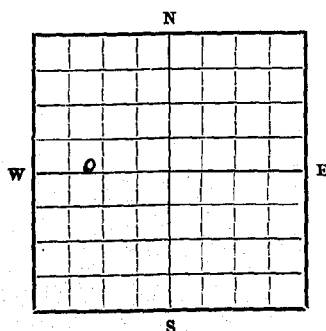
# 2. in Sec. 28

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

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

1. Bill Weger, of Worland (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:



SW 1/4 Sec. 32 T. 6 N. R. 28 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 Completed in 1956  
from 6 to 12 months per year
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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 Not app.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Cylinder type pump with electric motor.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well completed in 1958
8. The depth of water table 21 ft. from the 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 Drilled well with 4 inch hole and 125 ft. deep.
10. The estimated amount of groundwater withdrawn each year 100,000 gals. per yr.
11. The log of formations encountered in the drilling of each well if available Not app.  
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 app.

Signature of Owner

Date

Bill Weger  
June 25, 1962

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

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

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

GW-4

File No. 686984

DUPLICATE

6-25-62  
10:30 AM  
Fee \$2.00

T. 6 N. R. 23 East

County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

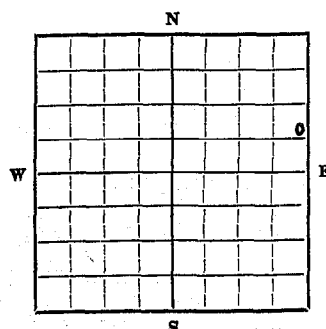
RECEIVED

## Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Bill Wagner, of Gordon  
(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:



SE-NE 1/4 Sec. 32 T. 6 N. R. 23 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  
Completed 1959  
From 8 to 12 months per yr.
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  
Not app.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Cylinder type pump and electric motor.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Well completed in March 1959
8. The depth of water table  
43 ft. from the 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  
Drilled well with six inch hole and 100 ft. deep.
10. The estimated amount of groundwater withdrawn each year  
100,000 galls. per yr.
11. The log of formations encountered in the drilling of each well if available  
Not app. 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 app.

Signature of Owner

Date

Bill Wagner  
June 25, 1962

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

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

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



MAR 17 1959

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

## STATE ENGINEER

## WATER WELL LOG


Owner Joe Hegner Address Shepherd  
 Driller Clyde Sando Address 1141 Miles Ave.  
Butte  
 Date Started \_\_\_\_\_ Date Completed March 15, 1959  
 Location: Sec 33 T 6N R 28 1/4 sec.

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

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

Casing: 0 ft. to 100 ft. Type galv. Size 10 in.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 40 to ft. 100 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 10 gal. per min.

How tested: \_\_\_\_\_

Length of test: \_\_\_\_\_

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

(over)

[illegible][illegible]



File No. ....  
DUPLICATE

STATE WATER CONSERVATION BOARD  
**R E C E I V E**  
AUG 31 1965 **D**

T. 6N R 28E

County Yellowstone

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 237, Montana Session Laws, 1961)

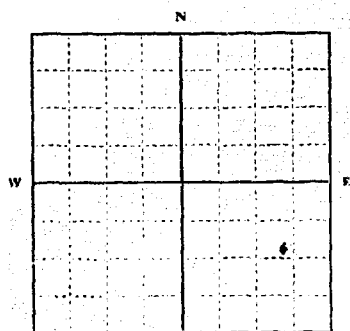
Owner BILL WERNER Address WARDEN MONT  
Driller CLYDE SANDO Address STAR ROUTE  
Date of Notice of Appropriation of Groundwater BILLINGS MONT.  
AUG. 30, 1965  
Date well started AUG. 24, 1965 Date Completed AUG. 28, 1965  
Type of well DRILLED Equipment Used CABLE  
(dug, driven, bored or drilled) (Churn, 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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6 7/8"	6" 16 lb.	0	80'			
8"	8" black surface	0	6'			

Top of Ground  
(Elev. above sea level.....)  
32'  
46'  
60' water  
80' bottom



SE 1/4 Sec 32 T6N R28E  
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 40 feet.

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

Pumping Water Level .....

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

How Tested BAILER 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) .....

Driller's License Number

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.

34494

761507

STATE OF MONTANA, T.  
County of Yellowstone

30 Aug 65  
3:30 P M

County Clerk & Recorder

*Paul* Deputy  
22

GV 4

File No. 686985

DUPLICATE

6-25-62  
© 10:32 AM  
7-2-62

Town Northfork

County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

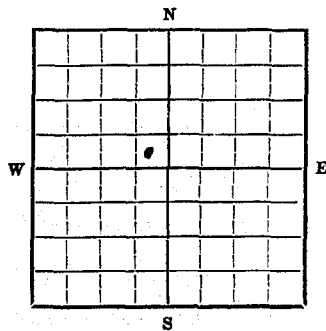
RECEIVED

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Bill Wagner, of Jordan, Montana  
(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:



SE 1/4 Sec 32 T. 6 N. R. 8 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 Domestic & Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959 (continuous use)
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 Wm. E. Jordan
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Submersible Elec. Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilled and pump installed in Dec. 1959
8. The depth of water table 40 feet from the 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 Drilled well six (6) inch hole and 103 feet deep.
10. The estimated amount of groundwater withdrawn each year 600,000 gallons
11. The log of formations encountered in the drilling of each well if available 0-14 ft. shale -- 14 ft. to 35 ft. Blue shale -- 35 ft. to 55 ft. Grey shale -- 55 ft. to 75 ft. sand rock -- 75 ft. to 103 ft. Blue 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 NOT APP.

Signature of Owner Bill Wagner

Date June 25, 1962

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

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

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

# RECEIVED

NOV 18 1960

## MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

### STATE ENGINEER

### WATER WELL LOG


Owner Bill Hegner Address Shepherd Mont.  
 Driller Clyde Sando Address 1141 Miles Ave. Billings  
 Date Started Dec. 3, 1959 Date Completed Dec. 5, 1959  
 Location: Sec 32 T. 6 N R. 28  $\frac{1}{4}$  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: 0 ft. to 100 ft. Type galvanized Size 6 inch

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 open bottom

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

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

Pumping water level \_\_\_\_\_ feet at 10 gal. per min.

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

3

(over)

### Log of Well

[illegible]

File No. ....

DUPLICATE

T.6N R.28E

County Yellowstone

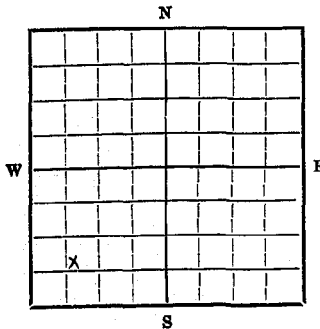
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

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

STATE ENGINEER

1. Fred & Gertrude Marsh, of Warden  
(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:



SW 1/4 of Sec. 34 T.6N R.28E

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

2. The beneficial use on which the claim is based Domestic stock - irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1957  
used continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 35 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 about 1 acre of lawn & trees  
Fred Marsh
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
pump & motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
started & completed about 1957
8. The depth of water table 30 ft. to water
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 100 ft. deep
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  
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

Date 12/10/63

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.

16274

721333

STATE OF MONTANA,  
County of Yellowstone.

This instrument was filed in my office  
this **DEC 30 1963**

at 4:10 P.M.

County Clerk  
*Full*  
*200*

GW

File No. ....

DUPLICATE

T6N R28E

County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

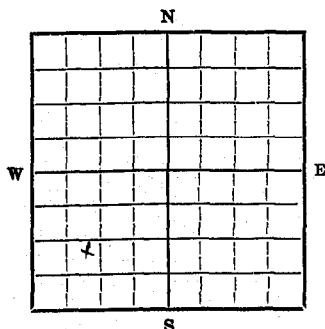
RECEIVED  
DEC 30 1963

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Fred & Gertrude Marsh, of Warden  
(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. 1/4 Sec. 34 T6N R28E

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

2. The beneficial use on which the claim is based Domestic & stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910 used continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 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 jet pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910 started & completed
8. The depth of water table 2 ft. of water
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 Dring. well - 6 ft. across - 22 ft. deep
10. The estimated amount of groundwater withdrawn each year 60,000 gal.
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available

Signature of Owner Fred Marsh

Date 12/10/63

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.

16271



721330

DEC 30 1963  
4:07  
By *JLS*  
*Egr*

File No.....

T. ~~281~~ ..... R. **282** .....

ORIGINAL

County **Yellowstone** .....

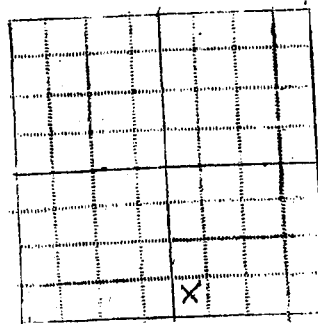
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**RECEIVED**  
JAN 2 1964

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

1. **Alan E. Roen** ..... of **Missoula** ..... (Town)  
(Name of Appropriator) (Address)

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



**Sec. 36 Twp. R. 282**  
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 -  
**Prior to 1940 - Continuous**
4. The amount of groundwater claimed (in miner's  
inches or gallons per minute) **7 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**
6. The means of withdrawing such water from the  
ground and the location of each well or other  
means of withdrawal **Pump & Windmill**

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

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 gen-  
eral specifications of any other works for the withdrawal of groundwater -  
**6 inch hole 150 Feet**

10. The estimated amount of groundwater withdrawn each year **730,000 Gallons**

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

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

Signature of Owner **Alan E. Roen**

Date **1-2-63**

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 & Recorder; Duplicate to the State Engineer; Triplicate  
to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator

721681

STATE OF MISSISSIPPI  
County of Jefferson  
This instrument was filed in my office  
on DEC 31 1963  
at 2:50 P  
for John S. R.  
County Clerk & Recorder  
By Jaw  
20

Form No. 18  
8-60

T. 6N R. 28E  
COUNTY Yellowstone

ONTARIO BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

Water Well Log

STATE ENGINEER

Owner <u>Sam Smeding</u>	Address <u>Musselshell</u>
Driller <u>unknown</u>	Address _____
Date started <u>prior to 1940</u>	Date Completed _____
Location: Sec. <u>36</u> T. <u>6N</u> R. <u>28E</u>	Sec. <u>SE4</u>

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

Water use Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing 0 ft. to 50 ft. Type galvanized Size 6 in.

Casing 50 ft. to 150 ft. Type unknown Size \_\_\_\_\_

Casing \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ .Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations unknown

Static water level, for non-flowing well: 70 feet.

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

Pumping water level 125 feet at 7 gal. per min.

How tested: gump

Length of test 6 hr.

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

Well was drilled prior to purchase of ranch.

Information based on performance of well.

## GROUNDWATER INDEX

Page 1 of 1

County Yellowstone Twp. 6 N Rge. 28 E

[illegible]

File No. ....

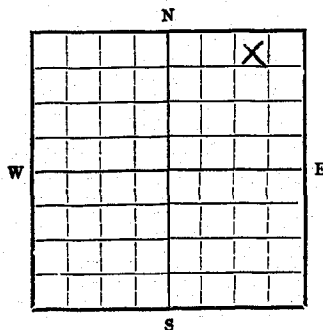
DUPLICATE

T. 6 N R. 29 E Sec. 19  
County YellowstoneSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ben K. Hoban, of Shepherd  
(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:



NE 1/4 Sec. 19 T. 6 N R. 29 E

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 well - all ranch & stockwater use -
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1941 - continuous to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
4 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
by gas motor pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
not known - before 1941
8. The depth of water table  
80 ft. bottom - 40 ft. top.
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 inch well casing and 1 1/4 in pipe.
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available  
mostly dirt and some crumbled rock.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
- none

Signature of Owner Ben K. HobanDate 12-7-63

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.

719741

STATE OF MISSISSIPPI  
County of Yazoo  
This instrument was filed in my office  
this DEC 9 1962  
at 2:29 P M.  
County Clerk of Recorder  
By [Signature] Deputy  
2 u

Form No. 18  
8-60

T. 6 N R. 28 East

County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

Water Well Log


Owner George Doyle Marsh Address STATE ENGINEER  
Warden, Montana

Driller Clyde Sando Address Billings, Montana

Date Started 1946 Date Completed 1946

Location: Sec. 19 T. 6 R. 28 E.  $\frac{1}{4}$  sec. S.E. qtr.

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

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

Casing: 0 ft. to 300 ft. Type \_\_\_\_\_ Size 6"

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 290 feet at 4 gal. per min. \_\_\_\_\_

How tested: \_\_\_\_\_

Length of test: \_\_\_\_\_

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

(over)



File No. ....

T. 6N R. 29

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

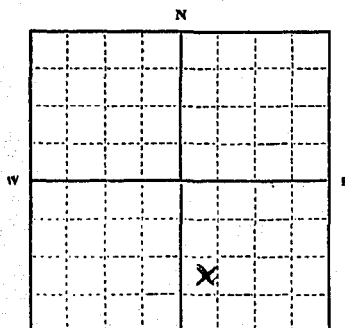
RECEIVED

JAN 3 1964

## Declaration of Vested Groundwater Rights ENGL

(Under Chapter 237, Montana Session Laws, 1961)

1. Merle Hudson, of Missoula Montana  
(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:



SW SE

S

SE 1/4 SW Sec. 20 T. 16 R. 29

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

2. The beneficial use on which the claim is based. Stock well
3. Date or approximate date of earliest beneficial use, and how continuous the use has been. 1947 and has been used continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1947
8. The depth of water table. 25 ft. about 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. 6 in casing - 820 ft deep with 1 1/2 in pipe 3 in cylinder
10. The estimated amount of groundwater withdrawn each year. 200,000
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. Merle HudsonDate. 12/30/63

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

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

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

18542

721811

STATE OF MONTANA,  
County of Yellowstone,  
This instrument was filed in my office  
this 31 day of DEC 1933  
at 4:56 o'clock P. M.  
Edmon S. Redding,  
County Clerk & Recorder  
By Jaw Deputy  
200

File No. ....

T 6 N R 29 E

DUPLICATE

County YELLOWSTONE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

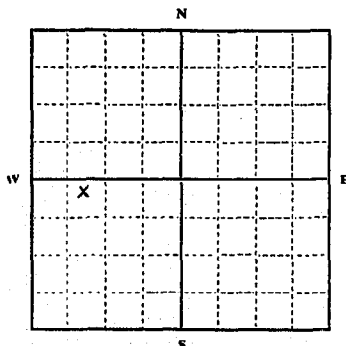
DEC 30 1963

STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. AMY E. RAYMOND R. & STEPHEN S. O'BRIEN, of MUSSELSHELL  
(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:



NW 1/4 SW 1/4 Sec. 23 T. 6 N. R. 29 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 DRILLED IN 1953 AND USED CONTINUOUSLY DURING SPRING, SUMMER, AND FALL MONTHS
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 GAL PER MINUTE
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 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 PUMP WITH CYLINDER AND RODS, LOCATED ON THE NW 1/4 OF THE SW 1/4 OF SEC 23-6-29
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater WELL DRILLED IN JULY OF 1953
8. The depth of water table ABOUT 400 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 1/2 INCH CYL., 2 INCH PIPE AND WOOD RODS, PUMP JACK AND ELECTRIC MOTOR, DEPTH OF WELL ABOUT 400 FT
10. The estimated amount of groundwater withdrawn each year 200,000 GAL
11. The log of formations encountered in the drilling of each well if available NOT AVAILABLE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NO RECORD KNOWN

Signature of Owner Stephen S. O'BrienDate 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.

16110

721057

STATE OF MONTANA  
County of \_\_\_\_\_  
This instrument was recorded in my office  
this 27 day of DEC 1953  
at 2:22 o'clock P M.  
Edmon S. Redding,  
County Clerk & Recorder  
By [Signature] Deputy, 1  
24

File No. ....

T. 6 N R 29 E

DUPLICATE

County YELLOWSTONE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

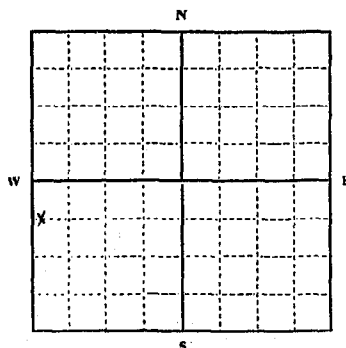
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 30 1963

STATE ENGINEER

1. AMY E. RAYMOND, Y. STEPHEN S. O'BRIEN, of MUSSELSHELL  
(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:



NW 1/4 Sec. 24 T. 6 N. R. 29 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 EARLIEST DATE NOT KNOWN BUT USED CONTINUOUSLY DURING SPRING, SUMMER, AND FALL MONTHS SINCE BEFORE 1947

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
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 PUMP WITH CYLINDER AND RODS ON THE NW 1/4 OF SW 1/4 OF SEC. 24-6-29

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater COMMENCEMENT AND COMPLETION DATE OF WELL NOT KNOWN

8. The depth of water table ABOUT 240 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 1/2 INCH CYL. 2 INCH PIPE AND WOOD RODS, PUMP JACK AND ELECTRIC MOTOR, DEPTH OF WELL ABOUT 240 FT

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

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

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

Signature of Owner

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.

16109

721056

STATE OF MONTANA,  
County of Yellowstone, ss.  
This instrument was filed in my office  
this 20 day of DEC 1963  
at 2:20 o'clock P. M.  
Edw. J. ...  
County Clerk

By Jaw  
2a

File No. ....

T 611 R 39

DUPLICATE

County .....

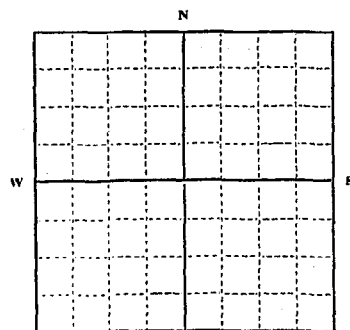
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963  
STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Forest of Helena Chenoweth, of Wenden  
(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:



Sec. 25-67-5-29

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1919

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

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

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

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.

1625-2

721275

STATE OF MONTANA,  
County of Yellowstone.

This instrument was filed in my office  
this \_\_\_\_\_ day of \_\_\_\_\_ 1968

at \_\_\_\_\_ o'clock \_\_\_\_\_ P. M.

I, \_\_\_\_\_  
County Clerk, do hereby order

By Jaw Deputy  
Ja.



OF THE WATER CONSERVATION BOARD

File No. NOV 3 1965

T. 6 N R. 29E

TRIPPLICATE

By: \_\_\_\_\_  
Or: \_\_\_\_\_  
Sullivan  
Sickert

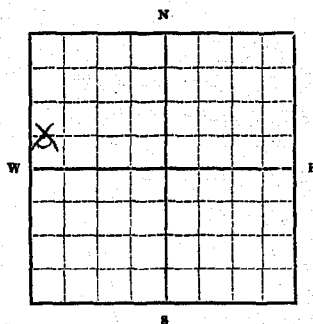
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County Yellowstone  
Fisher Well  
M4-A-168

### Declaration of Vested Groundwater Rights

(Under Chapter 21, Montana Session Laws, 1965)

1. Bureau of Land Management of 3310 4th Ave. North 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:



1/4 Sec. 24 T. 6N. R. 29E

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 water for wildlife
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 7/7/45 and continuous use to present date
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 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 windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945 started and completed 7/7/45
8. The depth of water table 150 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.  
Depth: 150 - 175 feet  
Casing size: 6"  
Type: Stockwater and wildlife water well
10. The estimated amount of groundwater withdrawn each year 180,000 gallons 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

Bureau of Land Management

By Signature of Owner

District Manager

Date 9/14/65

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.

39753

765471

**Department of Army Ordnance Corps**

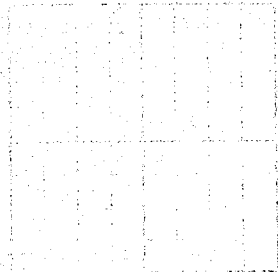
HEAD OF ARMY DEPARTMENT  
STATE OF CONNECTICUT  
BUREAU OF ORDNANCE

NOV 2 1965

1.22

P

*gaw*  
2c



OFFICE OF THE  
DIRECTOR OF THE  
BUREAU OF ORDNANCE  
WASHINGTON, D.C.

RECEIVED  
NOV 2 1965  
BUREAU OF ORDNANCE  
WASHINGTON, D.C.

File No. ....

T. 6 N R. 29

DUPLICATE

County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

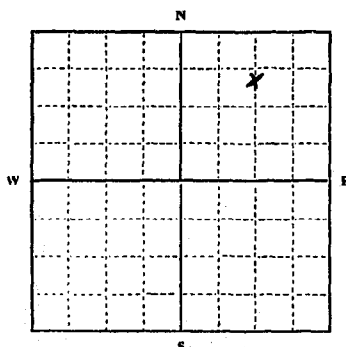
RECEIVED

JAN 2 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Merle Hudson, of Missoula Montana  
(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 NE Sec 27 T. 6 R. 29

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

2. The beneficial use on which the claim is based. Stock well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1961
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gallon per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 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. Windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1961
8. The depth of water table. 260 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 casing 226 ft deep well on pipe and 2 in cylinder
10. The estimated amount of groundwater withdrawn each year. 100,000 gallon
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

Merle HudsonDate 12/30/63

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

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

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

18543

721812

STATE OF MONTANA,  
County of Yellowstone, ss.  
This instrument was filed in my office  
this 31 day of DEC 1963  
at 4:52 o'clock P M.  
Edmon S. Rading,  
County Clerk & Recorder  
By Jaw Deputy  
20.

File No. GV 3 1385

T. 6 N. R. 29 E.

TRIPPLICATE

Bureau \_\_\_\_\_ Mr. Dornett \_\_\_\_\_  
County \_\_\_\_\_ Mr. \_\_\_\_\_  
Darlington \_\_\_\_\_ Mr. \_\_\_\_\_  
Dickert \_\_\_\_\_ Sullivan \_\_\_\_\_

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

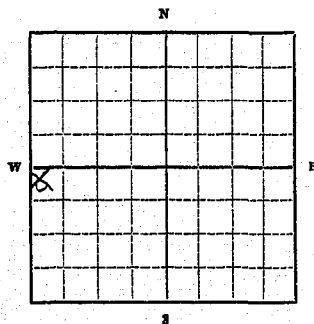
OFFICE OF STATE ENGINEER

County Yellowstone  
Steamboat Well  
M-167

## Declaration of Vested Groundwater Rights

(Under Chapter 21, Montana Session Laws, 1965)

1. Bureau of Land Management, of 3310 4th Ave. North 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:



1/4 Sec. 30, T. 4N, R. 29E

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 water for wildlife
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
8/29/46 and continuous use to present date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
4 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Commencement date unknown but completed 8/29/46
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  
Depth: 83 feet  
Casing Size: 6"  
Type: Stockwater and wildlife water well
10. The estimated amount of groundwater withdrawn each year 144,000 gallons 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

Bureau of Land Management  
By Signature of Owner District Manager  
Date 9/14/63

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.

39754

765470

RECEIVED NOV 2 1965  
COMMUNICATIONS SECTION  
U.S. AIR FORCE

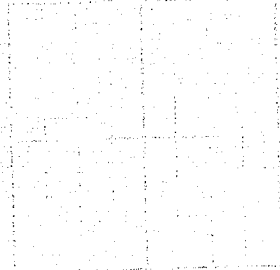
COMMUNICATIONS SECTION

NOV 2 1965

1:20

P

*Handwritten signature*  
26



RECEIVED NOV 2 1965  
COMMUNICATIONS SECTION  
U.S. AIR FORCE

RECEIVED NOV 2 1965  
COMMUNICATIONS SECTION  
U.S. AIR FORCE

File No.....

T. 4N.....R. 29E.....

ORIGINAL

County Yellowstone.....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODES  
OFFICE OF STATE ENGINEER

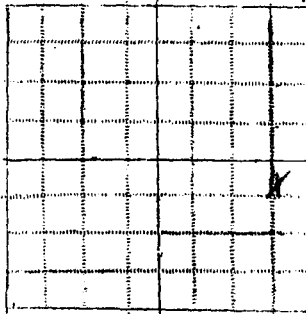
RECEIVED  
JAN 2 1964

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

STATE ENGINEER

1. Glen K. Boen, of Musselshell  
(Name of Appropriator) (Address) (Town)  
Lessor

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



- Sec. 31 T. 4N. R. 29E  
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 -  
Oct 15th, 1947
4. The amount of groundwater claimed (in miner's  
inches or gallons per minute) 36 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 None
6. The means of withdrawing such water from the  
ground and the location of each well or other  
means of withdrawal Pump & Windmill

7. The date of commencement and completion of the construction of the well, wells,  
or other works for withdrawal of groundwater Oct 12, 1947 - Oct 15th 1947.

8. The depth of water table - 50 Feet

9. So far as it may be available, the type, size and depth of each well or the gen-  
eral specifications of any other works for the withdrawal of groundwater -  
6 inch Hole 61 feet

10. The estimated amount of groundwater withdrawn each year - 800,000 Per Yr.

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 Glen K. Boen  
Date 1/2/64

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 Quaduplicate for the appropriator

721682

STATE OF MONTANA,  
County of Yellowstone, ss. *1*

This instrument was filed in my office

this DEC 31 1968 19

at 2:48 o'clock 7 M.

Edmon S. Redding,  
County Clerk & Recorder

By *gaw* Deputy



Form No. 18  
8-60

T. 6 N. R. 20 E.

County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
OCT 21 1947

Water Well Log

STATE ENGINEER


Owner A. E. Walker Address Warden

Driller Marsh & Allen Address Shepherd

Date Started October 12, 1947 Date Completed Oct. 13, 1947

Location: Sec. 31 T. 6 N. R. 20 E.  $\frac{1}{4}$  sec. SE $\frac{1}{4}$

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

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 0 ft. to 31 ft. Type Galvanized Size 4

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. 70 to ft. 81. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slotted holes

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

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

Pumping water level 73 feet at 36 gal. per min.

How tested: Water

Length of test 60 sec.

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

(over)

File No.....

32  
B.....R. 292.....

ORIGINAL

County. **Yellowstone**.....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

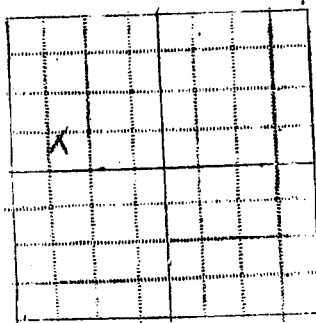
RECEIVED  
JAN 2 1964

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

STATE ENGINEER

1. **Glen K. Boon** of **Missoula** (Town)  
(Name of Appropriator) (Address)

County of **Missoula** 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  
--- **Livestock** ---
3. Date or approximate date of earliest beneficial  
use; and how continuous the use has been ---  
--- **Sept 15th 1956** --- **Continuous** ---
4. The amount of groundwater claimed (in miner's  
inches or gallons per minute) **3 Gal per Minute**
5. If used for irrigation, give the acreage and  
description of the lands to which water has been  
applied and name of the owner thereof **None**
6. The means of withdrawing such water from the  
ground and the location of each well or other  
means of withdrawal **Pump & Windmill**

7. The date of commencement and completion of the construction of the well, wells,  
or other works for withdrawal of groundwater --- **Sept 15th 1956** ---

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 gen-  
eral specifications of any other works for the withdrawal of groundwater ---  
--- **4 inch hole 52 feet deep** ---

10. The estimated amount of groundwater withdrawn each year --- **300,000 Gallons per Yr.** ---

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 --- **Glen K. Boon** ---

Date --- **Jan 1 1964** ---

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

721681

STATE OF MONTANA,  
County of Yellowstone,  
This instrument was filed in my office  
this DEC 31 1908 day of 19  
at 2:47 o'clock P M.  
Edmon S. Redding,  
County Clerk & Recorder  
By W. S. Deputy

Form No. 18  
8-60

T. 6N R. 29E  
COUNTY Yellowstone

CENTRAL BUREAU OF MINES AND GEOLGY  
Butte, Montana

RECEIVED  
SEP 24 1956

Water Well Log

Owner <u>Sam Smeding</u>	STATE ENGINEER
Driller <u>Amarda Drilling Co.</u>	Address <u>Roundup</u>
Date Started <u>Sep 15, 1956</u>	Date Completed <u>Sep. 15, 1956</u>
Location: Sec. <u>32</u> T. <u>6N</u> R. <u>29E</u> Sec. <u>SW<math>\frac{1}{4}</math></u>	

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

Water use Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing 0 ft. to 40 ft. Type galvanized Size 4 in.

Casing 40 ft. to 62 ft. Type sand rock Size 4 in. hole

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: 40 feet.

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

Pumping water level 55 feet at 5 gal. per min.

How tested: pump

Length of test 60 min.

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