

5507

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
JUN 19 1973

at 1:51 o'clock P M.

J. E. FENTON

County Clerk and Recorder.

By J. S. Wilson
Deputy.

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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

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

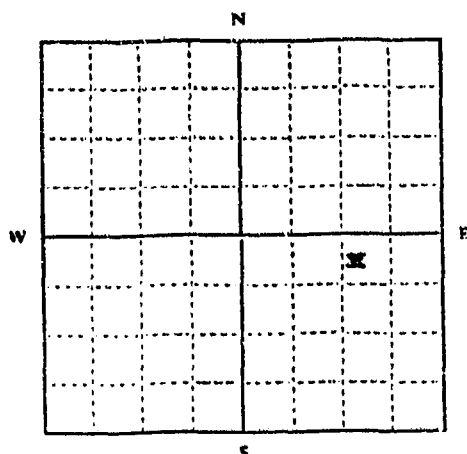
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 5509

June 19, 1973

GW 1 1:53pm



NE 1/4 SE 1/4 Sec. 12

T. 17 N. 7 S. 7 W. 7

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or esti-

mated unknown

Owner Edward G. Goodman

Address Balt, Montana

Contractor (if any) None

Address of Contractor

Date Started Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Natural Spring

2. Means of withdrawing water (gravity, pump, canal, etc.) gravity

3. Depth of water table NA

4. Use of the water Watering livestock

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 30 gallons a minute

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year NA

8. Months of year spring flows 12

Signature of Owner

Date

53805

5509

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

I hereby certify that the within in-
strument was filed in this office on
JUN 19 1973

at 1:53 PM

J. L. FERGUSON

County Clerk and Recorder.

J. S. Wilson
Deputy.

GW 3

File No.

DUPLICATE

T. 17 N. R. 7 E.

County. Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 18 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1945

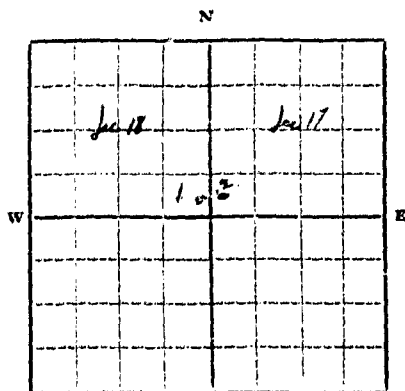
Owner Floyd A. Dawson Address Balt, Montana

Contractor (if any) S. Birch & Sons

Address of Contractor Great Falls, Montana

Date Started 1945 Date Completed 1945

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Cleaned out springs and built dams for gathering of water below springs.



1. SE 1/4, Sec. 16;
 2. SW 1/4, Sec. 17, T. 17 N. R. 7 E
- Indicate point of appropriation and place of use, if possible.

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

Quantity of water varies depending on amount of moisture in any year.

Signature of Owner Floyd A. Dawson

Date December 12, 1963

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

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

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

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

#313
STATE OF MONTANA, }
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 16 1983
Date

at 3:56 o'clock P.M.

J. L. LENNON

County Clerk and Recorder.

By

[Signature]
Deputy

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

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

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

For Administrator's Use

File 5508

June 19, 1973

GW 1 1:52 p.m.

N

W E

X

S

1/4 3/4 1/2 1/4 1/8

T. 17 10 7 0

S W

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or esti-
mated unknown

Owner Edward O. Goodman

Address Belt, Montana

Contractor (if any) None

Address of Contractor

Date Started Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation,
developed spring, drains, etc.) Water-1 Spring

2. Means of withdrawing water (gravity, pump, canal, etc.)

gravity

3. Depth of water table NA

4. Use of the water Watering livestock

5. Amount of groundwater claimed (in miner's inches or gallons
per minute) 30 gallons a minute

6. If used for irrigation, give number of acres and description
of land

7. Estimate amount of water used each year NA

8. Months of year spring flows 12

Signature of Owner

Date

Edward O. Goodman
 6/19/73

53,804

5508

STATE OF MONTANA, }
County of Carbon. }

I hereby certify that the within in-
strument was filed in the office of

JUN 19 1973

at 1:52 P.M.

J. E. THOMPSON

County Clerk and Recorder

by J. L. Wilson
Deputy

File No. _____

T. 17. N. R. 7 E.

DUPLICATE

County **Cascade**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

STATE ENGINEER
**Notice of Completion of Groundwater Appropriation
Without Well**

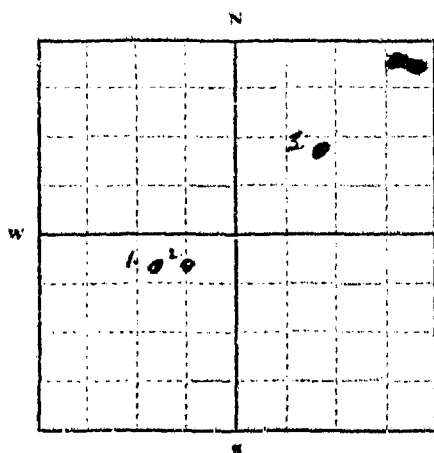
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____
Emma Weggeland, Ruth Weggeland
Owner **/s/ Andres Weggeland** Address **Belt, Montana**

Contractor (if any) **None**

Address of Contractor _____

Date Started _____ Date Completed _____



_____ Sec. _____ T. _____ R. _____
Indicate point of appropriation
and place of use, if possible.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. **There are three springs all located in Sec. 19, T. 17 N., R. 7 E., two springs Nos. 1 and 2 being located in NE 1/4, Sec. 19 and spring No. 3 being located in the SW 1/4 of said Sec. 19. Springs 1 and 2 have a flow of approximately 10 gallons per minute and spring No. 3 has a flow of approximately 15 gallons per minute.**

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

estimate approximate lengths of periods of use. **The three springs described above in Sec. 19, flow continuously and are used and have been used for over 25 years for watering stock.**

Andres Weggeland
Emma Weggeland
Signature of Owner **Ruth Weggeland**

Date **December 16, 1963**

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

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

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

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

3692

STATE OF MONTANA. } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 20 1963

Date
at 3:33 o'clock P.M.

J. L. LENNON
County Clerk and Recorder.

By A. C. Michael
Deputy.

File No.

T. 17N R. 7E

DUPLICATE

County Cascade

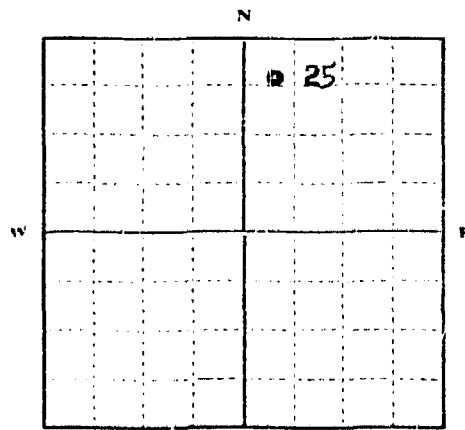
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 20 1963
STATE ENGINEER

1. ROY BUSCH and MARY L. BUSCH of Raynesford
(Name of Appropriator) (Address) (Town)
County of Cascade 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

1/4 Sec. 25 T. 17N R. 7E

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

2. The beneficial use on which the claim is based.....
livestock
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been.....
sometime prior to the year 1900
4. The amount of groundwater claimed (in miner's inches or gallons
per minute).....50 g.p.m.
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
primarily used for irrigation
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.....
gravity
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater.....
no construction
8. The depth of water table.....ground level
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.....pipe to convey water to tanks
10. The estimated amount of groundwater withdrawn each year.....25,000,000-gallon flow
11. The log of formations encountered in the drilling of each well if available.....
no drilling
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 December 5, 1963

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

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

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

3580

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 17 1963

at 3:03^{PM} o'clock P.M.

J. L. LENNON
County Clerk and Recorder.

By J. J. Johnson
Deputy.

RECEIVED

3 GW 3 Revised 1969
205-1500-1-1

County Cascade

27

STATE OF MONTANA
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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

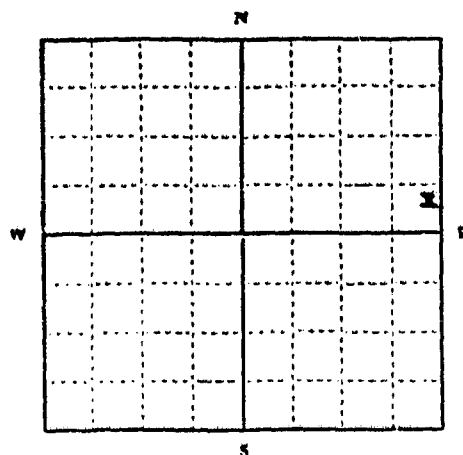
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

For Administrator's Use

File 2057

GW 1 Small spring



SE 1/4 SE 1/4 Sec. 22

T. 17 N. N. R. 7 E. E. S. W.

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated unknown

Owner Richard G & William H. Gehart Trustee

Address 236 - Riverview Blvd. Great Falls, Montana 59404

Contractor (if any)

Address of Contractor

Date Started Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Natural Spring

2. Means of withdrawing water (gravity, pump, canal, etc.)

Gravity

3. Depth of water table unknown

4. Use of the water Livestock

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year 175,000

8. Months of year spring flows 12 months

Signature of Owner

Richard G. Gehart
William H. Gehart

Date June 29, 1973

555/

STATE OF MONTANA, }
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

JUN 29 1973

at ^{Date} 218 o'clock ^{P.M.}

J. L. LENNON

County Clerk and Recorder.

by J. L. Lennon
Deputy.

CW3

File No.

DUPLICATE

T. 17N R. 7E

County CASCADÉ

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner W.E. GERHART Address BELT, MONT.

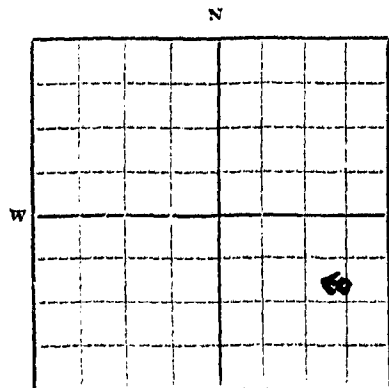
Contractor (if any)

Address of Contractor

USED SINCE 1943
Date Started Date Completed

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

3/4" Pipe from box to tank - flow 1/2" pipe full - approximately 4 gallons per minute



NE 1/4 Sec. 27 T. 17N R. 7E

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

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

Used the year around

Signature of Owner W.E. Gerhart

Date Dec 10, 1963

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

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

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

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

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 17 1963

Date

at 11:45 o'clock AM

J. L. LENNON

County Clerk and Recorder.

by B. M. M. Deputy

3052

GW 3

File No.

DUPLICATE

T. 17N R. 7E

County. CASCADE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater *Dec 10, 1963*

Owner *W.E. EERHART* Address *BELT, MONTANA.*

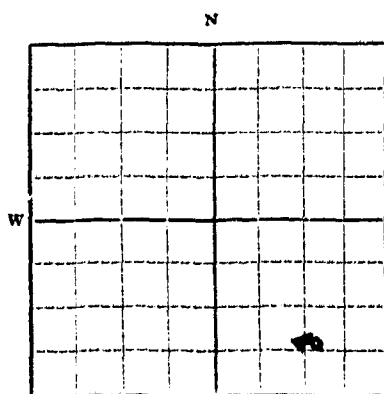
Contractor (if any)

Address of Contractor

Date Started *Used Spring since 1943* Date Completed

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

in & over spring area - spring produces 5 gallons per minute



SE 1/4 Sec 27 T17N R7E

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

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

Used year around

Signature of Owner *W.E. Eerhart*

Date *Dec 10, 1963*

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

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

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

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

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 17 1963

at 11:41 o'clock AM.

J. L. LENNON

County Clerk and Recorder.

By B. Lewis
Deputy.

File No.

DUPLICATE

T. 17N R. 7E

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 19, 1963

Owner W. E. GEHART Address BELT, MONTANA.

Contractor (if any)

Address of Contractor

Date Started

Date Completed

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

below a spring seep. runs
equivalent of 3/4" pipe full,
for 4 gallons per minute

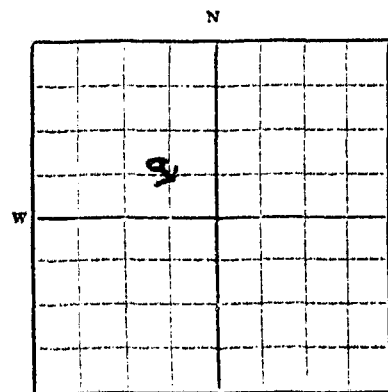
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermit-

tent estimate approximate lengths of periods of use

Used the year around.

Signature of Owner W. E. Gehart

Date Dec.



SE 1/4 NW Sec. 27 T. 17N R. 7E

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

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

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

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

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

9926

STATE OF MONTANA. } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 17 1907

at 11:30 o'clock 9 M.

J. L. LERNON
County Clerk and Recorder.

By S. A. Allen Deputy:

T 17H R 7 E

County Cascade

RECEIVED
JAN 9 1964

ENGINEER

ENGINEER

spring

INDEX

治法 清熱解毒，消癰止痛。

TOP SECRET

Ground water obtained by means of natural springs,
sub-irrigation and seepage.

Depth not applicable.

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

estimate approximate lengths of periods of use.....All water used
12 months out of the year for stock and sub-irrigation

Signature of Owner Ewart B. Brunud

Date...12/30/63

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

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

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

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

..... $\frac{1}{4}$ Sec. 30... T. 17N R. 7E

4369

T 172 R 7 E

County Cascade

RECEIVED
JUN 9 1964

propagation

(Under Chapter 237 Montana Session Laws, 1961)

Owner Ewart C. Brurud Address Belt, Montana

Contractor (if any) ~~None~~

Address of Contractor none

Date Started none Date Completed none

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

Ground water obtained by means of natural springs,
sub-irrigation, and seepage.

.....Depth not applicable.....

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

estimate approximate lengths of periods of use... All water used
10 months out of the year for stock and sub-irrigation.

Signature of Owner Ewart B. Brunel

Date... 12/30/63.....

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

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

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

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

28357

4367

CITIZENSHIP APPLICATION
FILED FOR JAMES M. HAYES
BORN [illegible] [illegible] [illegible]
IN [illegible] [illegible] [illegible] 1904

AT 11:52 A.M.
• [illegible] [illegible] [illegible]

BY [illegible]
J. L. HENSON
[illegible]
[illegible]

File No.

T. 17N. R. 7. E.

DUPLICATE

County. Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater. No date known - natural springsOwner. Ernst C. Bruund Address. Belt, MontanaContractor (if any) noneAddress of Contractor noneDate Started. none Date Completed. none

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

Ground water obtained by means of natural springs,
sub-irrigation and seepage.

Depth not applicable

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

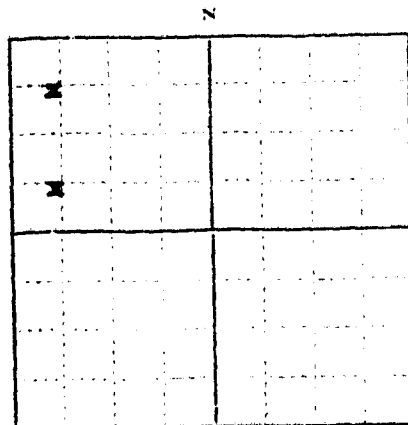
estimate approximate lengths of periods of use. All water used12 months out of the year for stock and sub-irrigation.Signature of Owner. Ernst C. BruundDate. 12/30/63

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

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

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

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



W 1/2 NW 1/4

1/4 Sec. 32 T. 17N. R. 7E.

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

4366

CLERK AND RECORD
CITY OF LOS ANGELES
FOR THE YEAR 1951
RECEIVED DEC 31 1951

11/51 9

J. L. LENOIR
CITY CLERK
BY *A. O. Nichol*

RECEIVED

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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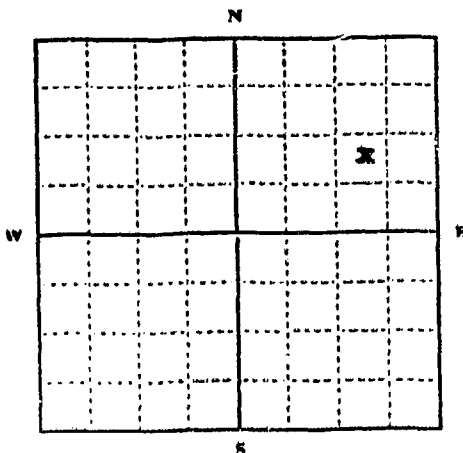
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 23550

6-22-73

GW 1 1st 1/2 P. 10



NE 1/4 SE 1/4 Sec. 34

T. 17 N. R. 7E S. 5 E. W

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated Unknown

Owner Richard G. & William H. Gerhart Trustee

Address 236 River View Blvd.
Great Falls, Mont. 59404

Contractor (if any) None

Address of Contractor

Date Started Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Natural Spring

2. Means of withdrawing water (gravity, pump, canal, etc.) Gravity

3. Depth of water table unknown

4. Use of the water Livestock

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year 185,000

8. Months of year spring flows 12 Months

Signature of Owner

Date June 29, 1973

5550

STATE OF MONTANA, }
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
JUN 29 1973

Date
at 2:17 o'clock P M

J. L. LENNON
County Clerk and Recorder

By J. L. Lennon
Deputy

RECEIVED

GW 3 Revised 1969
2057-1500-1/71

JUL 10 1973

County Cascade

STATE OF MONTANA
MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

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

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

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

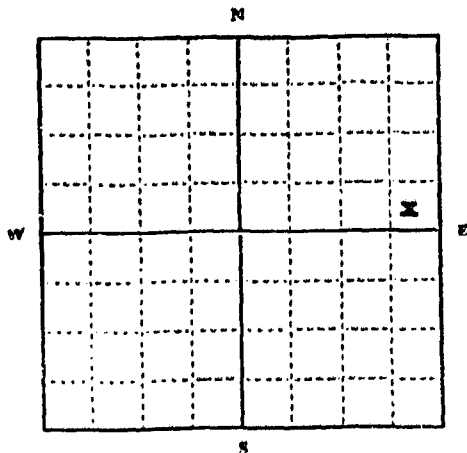
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 5548

6-29-73

GW 1 2.15 ft



NE 1/4 NE 1/4 Sec. 34

T. 17 N R. 7 E S. W

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated unknown

Owner Richard G. & William H. Garhart Trustees

Address Grat Falls, Montana 59404

Contractor (if any) None

Address of Contractor

Date Started Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Natural spring

2. Means of withdrawing water (gravity, pump, canal, etc.)

gravity

3. Depth of water table unknown

4. Use of the water livestock

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year 175,000

8. Months of year spring flows 12 months

Richard G. Garhart
William H. Garhart
Signature of Owner

Date June 29, 73

5548

STATE OF MONTANA, }
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

JUN 29 1973

at 2:15 o'clock P. M.

J. L. LENNON

County Clerk and Recorder.

J. L. Lennon

GW3

File No.

DUPLICATE

T 17N R 7E

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 19, 1963

Owner W. E. GERNART Address

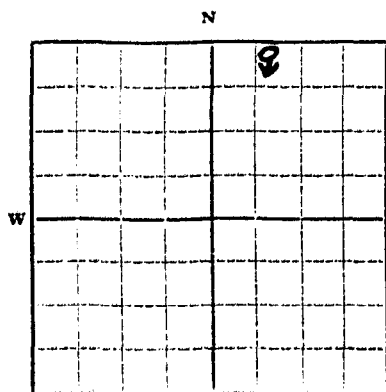
Contractor (if any)

Address of Contractor

Date Started Used since 1943 Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 3/4" pipe carrying

spring water to a tank.
Flow 4 gallons per minute



NW 1/4 NE Sec. 34 T. 17N R. 7E

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

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

Used year around.

Signature of Owner W. E. Gernart

Date Dec 19, 1963

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

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

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

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

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 17 1968

Date

at 11:38 o'clock 9 M.

J. L. LENNON

County Clerk and Recorder.

By

E. H. H. H.

Deputy

3548

L

GW 3

File No.

DUPLICATE

T. 17N R. 7E

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 10, 1963

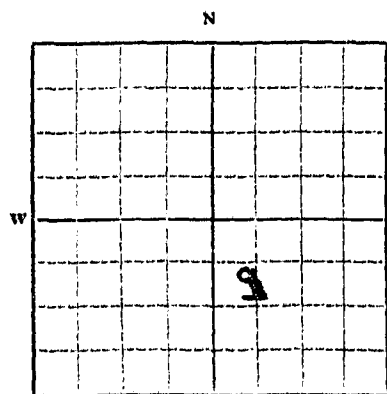
Owner W.E. GERHART Address BELT, MONTANA.

Contractor (if any)

Address of Contractor

Date Started Used since 1943 Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 3/4" pipe carrying water into a tank at rate of 4 gallons per minute



1/4 SE 1/4 Sec. 24 T. 17N R. 7E

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

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

Used the year around.

Signature of Owner W.E. Gerhart

Date Dec 10, 1963

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

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

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

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

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 17 1963

Date

at 11:34 o'clock AM.

J. L. LENNON

County Clerk and Recorder.

By

[Signature]

Deputy.

3546

GW 3

File No.

DUPLICATE

T. 17N R. R7E
County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 10, 1963

Owner W.E. CERHART Address BELT, MONT.

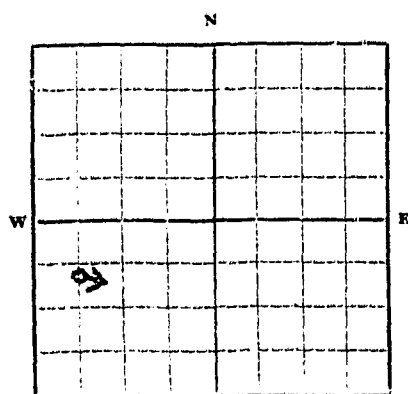
Contractor (if any)

Address of Contractor

Used since 1943
Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 1 1/2" pipe flow

approximately 5 gallons per minute
Water flows into a tank



NW 1/4 Sec 35 T17N R7E

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

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

Used the year around

Signature of Owner W.E. Cerhart

Date Dec 19, 1963

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

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

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

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

4934

3547
STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 17 1968

at 11:37 o'clock 9 M.

J. L. LENNON

County Clerk and Recorder.

By

Blair

Deputy.

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CONTROL
MONTANA WATER RESOURCES BOARD

RECEIVED

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962 MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

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

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

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

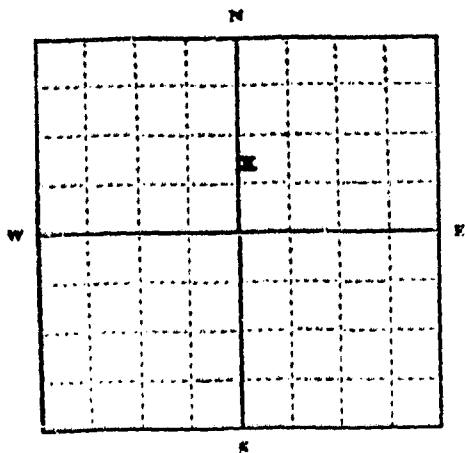
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 6-29-73

Sub. 100

GW 1 6-29-73



17 $\frac{1}{4}$ S $\frac{1}{4}$ Sec. 35

T. 17 N. $\frac{1}{4}$ R. 7 E. $\frac{1}{4}$ W.

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or esti-
mated unknown

Owner Richard G. & William H. Gerhart Trustees
236. Riverview Blvd
Address Great Falls, Montana 59404

Contractor (if any) None

Address of Contractor

Date Started Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation,
developed spring, drains, etc.) Natural Spring

2. Means of withdrawing water (gravity, pump, canal, etc.) Gravity

3. Depth of water table unknown

4. Use of the water Livestock

5. Amount of groundwater claimed (in miner's inches or gallons
per minute) 6 gallons

6. If used for irrigation, give number of acres and description
of land

7. Estimate amount of water used each year 185,000

8. Months of year spring flows 12 months

Signature of Owner Richard G. Gerhart
William H. Gerhart

Date Jan 29, 1973

35549

STATE OF MONTANA, }
County of Cascade.

I hereby certify that the within
instrument was filed in this office on

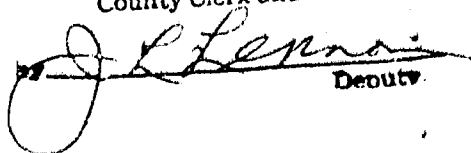
JUN 29 1973

Date

at 2:16 o'clock PM

J. L. LENNON

County Clerk and Recorder.


Deputy

File No.

T. 17N R. 7E

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

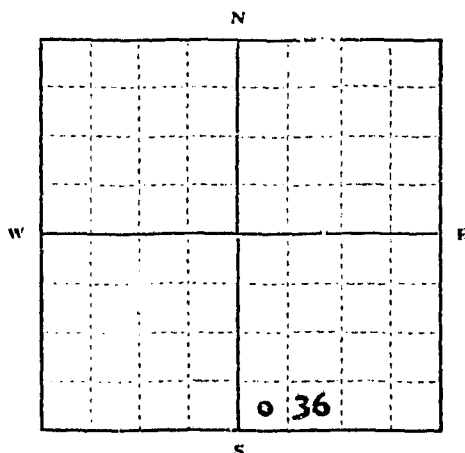
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 26 1963

STATE ENGINEER

1. ROY BUSCH and MARY L. BUSCH, of Raynesford
(Name of Appropriator) (Address) (Town)
County of Cascade State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 36 17N. R. 7E.

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 use, household purposes -- livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
sometime prior to the year 1900
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
4 g.p.m.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
no irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
water pump for domestic and household use;
gravity flow to stock tanks.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
no construction except as noted
8. The depth of water table.....
ground level
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.....
pipe to electric pump for household use
10. The estimated amount of groundwater withdrawn each year.....
900,000-gallon flow
11. The log of formations encountered in the drilling of each well if available.....
no drilling
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

Mary L. Busch

Date December 5, 1963

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

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

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

1065

3582

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 17 1952

Date

at 305 of Sect. P.

J. L. YERGEN

County Clerk and Recorder.

[Signature]
Deputy

GROUNDWATER INDEX

Page ____ of ____

County Cascade Twp. 16N Rge. 2W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	Adams, W. S.	well log	—	
2	Canada, Jess	GW 2	5480	
2	Harnen, Esther M.	4	3396	
2	Higgins, N. Richard and Sandra S.	3	5577	
2	Huntsberger, Raymond R.	2	3683	
2	McCain, Clifford + Frances A.	4	4342	
2	Pillala, Elmer W.	2	3681	
2	Uleberg, Ruth J.	4	3390	
2	Walt, Robert A.	well log	—	
8	Maxson, Dennis D. and Carol V.	GW 3	5435	
10	Navack, Jesse F.	4	3658	
10	Schraeder, Christian E.	2	5355	
11	Acard, Kenneth T. and Margaret M.	2	5526	
11	Layberger, Billy J. and Ellen L.	2	5396	
11	Lindquist, Walfred	2	5538	
11	Willington, Ed & Ada	4	3940	
11	Walfe, Otto R.	2	5578	
15	Jenkins, E. K.	3	5583	
16	Carl, James N.	2	5431	
16	Dress, G. R.	2	5588	
16	Hanson, C. B.	well log	—	
16	Henderson, Richard H.	GW 2	5364	
16	Neison, Robert	2	5341	
16	Ruetten, Warren J.	3	5374	
16	Ryder, Calvin H.	2	5368	
16	Sibley, Reddick I.	2	5330	
16	Tague, Everett & Irene	2	5537	
16	Weaver, Dale R. and Celene E.	2	5376	
18	Pea, James H. and Della R.	4	3677	
20	Lakes, William P.	4	4390	
20	Mant. Hi-way Comm.	2	5173	
21	Gallagher, Herbert E.	3	4525	
21	Hohman, James W.	4	3218	
21	Jenkins, E. K.	3	5582	
21	Johnson, Chris M.	4	4830	
?	Bergquist, R. E. and Catherine E.	well log	—	

Montana State Engineer Fred Buck
Helena

T. 16 R. E 202
County Cascade

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner W. S. Adams Address Cascade Mont
Driller E. D. Rafferty Address 927-10 Ave SWGF
Date Started June 12 - 1960 Date Completed June 16 - 60
Location: Sec. 2 T. 16 R. 24 $\frac{1}{4}$ sec. In NE NW MR 5

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

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

Casing: 0 ft. to 58 ft. Type Black Iron Size 5 1/2" O.D.
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 Casing driven open end into gravel

Static Water level, for non-flowing well: Filled up to 30 ft from top feet.

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

Pumping water level 45 ft from top feet at 24 gal. per min.

How tested: Boiler

Length of test: 1 1/2 hrs.

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

(over)

[illegible][illegible]

County.....**Cascade**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Jess Canada

AddressRoute 1 South

Cascade, Montana 59421

Date well started ... 3/31/73.

completed 3/31/73

Type of well Drilled.

For Administrator's Use

File 5480

April 6, 1973

GW 1 1:45 p.m.

Equipment used Rotary drill

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

* Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" od x .250	0'	20'	Buzz Saw	160'	180'
	200 PVC PLASTIC	20'	180'			

W			
			

Static water level18.....ft.*
Pumping water levelft.*
at90.....gallons per minute,
measuredminutes after pumping
began.

*Measured from ground level.
Well developed by blowing wi
for hours.

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

SW 1/4 SW 1/4 Sec. 2

T. 16 N R. 2 E

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

Driller's Signature **O'Keefe Contracting Company**

Driller's Address 2804 Harvard Avenue

Butte, Montana 59701

LICENSE NO..... 8

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.

Top of Ground (Elev. above sea level)

[illegible]

180' Show exact depth of bottom

53024

5480

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
APR 6 1973

at 1:45 o'clock P.M.

J. L. LENTON

County Clerk and Recorder.

By

J. S. Wilson
Deputy.

File No.

T. R.

DUPLICATE

County.

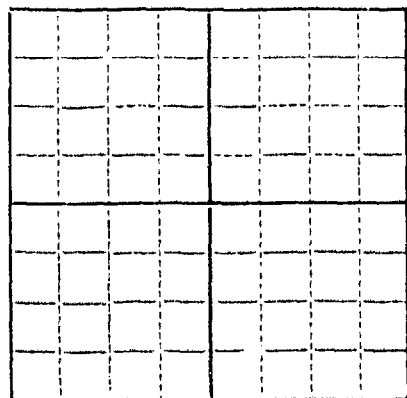
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Esther M. Harvey of Keams South Cascade
(Name of Appropriator) (Address) (Town)

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



Section 2, T4N, R2W
Sec 2, T4N, R2W

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
water for garden and other uses

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

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
1/4 Sec 2, T4N, R2W
to which water has been applied and name of the owner thereof
1/4 Sec 2, T4N, R2W

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal 10' deep
10' deep

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1961

8. The depth of water table 10' deep

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater 10' deep
10' deep

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

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

Esther M. Harvey
Date July 26, 1961

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.

3396

STATE OF MONTANA, ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
OCT 7 - 1963

at 1:20 o'clock P.M.

J. L. LENNON
County Clerk and Recorder.

By [Signature]
Deputy.

County

CASCADE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

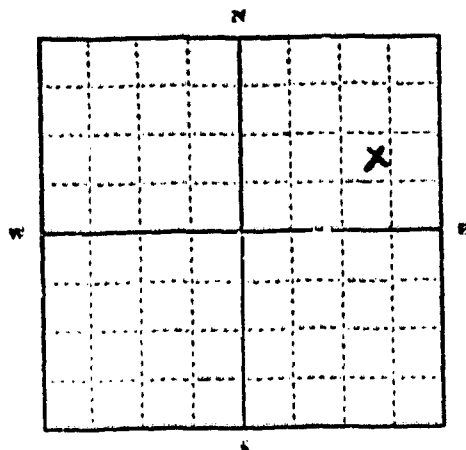
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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

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

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

For Administrator's Use	
File	<u>5-11-73</u>
	<u>6-22-73</u>
GW 1	<u>3-13-73</u>



Lot 1 $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2
T. 16 N. R. 2 E. S. 2 W.

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or esti-

mated Unknown

Owner N. Richard & Sandra S. Higgins
Address 3205 - 9 ST. N.E. Gl. Fls MT. 59404

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) _____

Natural Spring

2. Means of withdrawing water (gravity, pump, canal, etc.) _____

Gravity

3. Depth of water table Unknown

4. Use of the water Domestic &

Livestock.

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons

6. If used for irrigation, give number of acres and description of land _____

7. Estimate amount of water used each year 150,000

8. Months of year spring flows 12 Months

Signature of Owner N. Richard & Sandra S. Higgins

Date June 6 - 1973

5577

STATE OF MONTANA, }
County of Cascade.

I hereby certify that the within be-
stated instrument was filed in this office on
JUN 29 1973

at 333 o'clock P M

J. L. LENNON

County Clerk and Recorder.

J. L. Lennon
Deputy

File No.

DUPLICATE

RECEIVED
DEC 27 1963

Block 13 Lot 1

Seibold Missouri River Tracts

County... Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

14' Sand

10' Gravel

Owner Raymond R. Huntsberger Address Route 1 So., CascadeDriller Raymond R. Huntsberger Address Route 1 So., CascadeDate of Notice of Appropriation of Groundwater Dec. 23, 1963Date well started 7/10/63 Date Completed 7/10/63

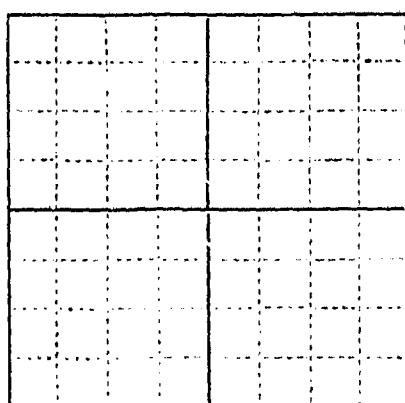
Type of well Driven Equipment Used Gravel point
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

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)
1 1/2"	1 1/2"			Screened 1/2"	20'	24'

24 feet



1/4 Sec. 2 T. 16N R. 2W
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 17 feet.Shut-in Pressure for Flowing Well -Pumping Water Level 24 feet at 10 gal. per minute.Discharge in gal. per min. of flowing well -How Tested Electric pump Length of Test one hour

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

13010

3683

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 23 1963

at 12:51 o'clock P.M.

J. L. LENNON
County Clerk and Recorder.

By B. J. J. J. Deputy.

File No.

T. 22 R. 20 S. 22

DUPLICATE

County Cascade

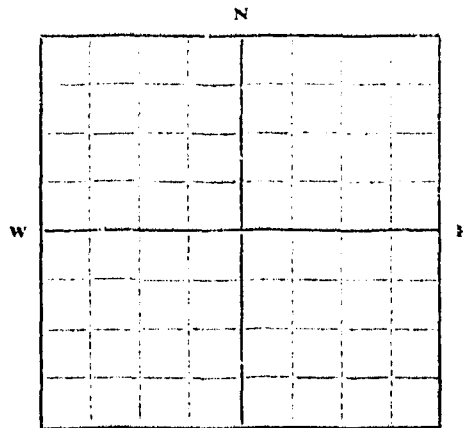
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Clifford or Frances A. McCain of Route One South Cascade
(Name of Appropriator) (Address) (Town)
County of Cascade State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sehold Tract Lot 17

1/4 Sec. 1 T. 22 R. 20

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

Impossible to locate
House and Lot Only 1/2 Acre or less

2. The beneficial use on which the claim is based. Household and some sprinkling
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. August 1954 and used continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 15 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Sprinkle at times and about the size of a city lot
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. August 1954
8. The depth of water table. Water starts at 15' Well is down only 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. Electric Pump 1 1/2 inch pipe with sandpoint. Well is driven down 25 feet.
10. The estimated amount of groundwater withdrawn each year. 300,000 gallons
11. The log of formations encountered in the drilling of each well if available. Dirt and Fine Sand First 8 Feet Coarse Sand Next 3 or 4 Feet then gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. No other Records

Signature of Owner

Clifford McCain
Frances A. McCain

Date Dec. 26, 1963

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

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

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

27322

4342

STATE OF MONTANA,
County of Cascade

I hereby certify that the within
instrument was filed in this office

DEC 3 1 1963

11:26

clock 9 M

J. E. LENNON

Clerk of Court and Recorder

By

[Signature]

Deputy.

File No. _____

DUPLICATE

Block 1 Lot 7

T. _____ R. _____

Seibold Missouri River Tracts

County Cascade

RECEIVED
DEC 27 1963STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

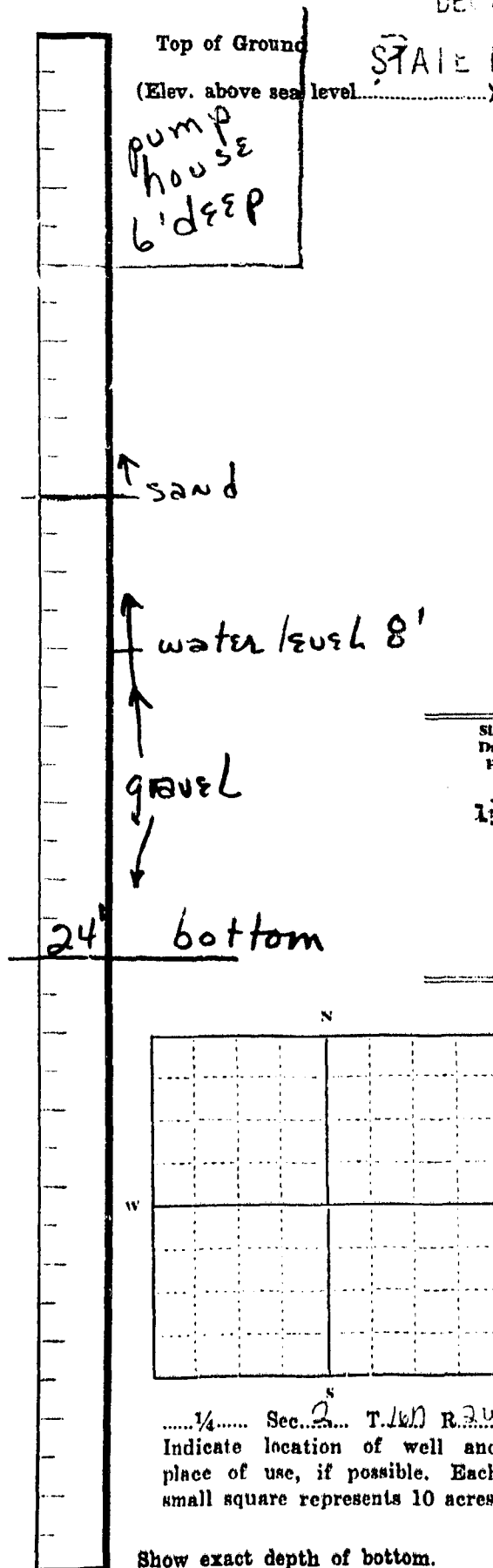
STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Elmer W. Pirlola Address Route 1 So., CascadeDriller Self Address " " "Date of Notice of Appropriation of Groundwater Dec. 23, 1963Date well started May 19, 1963 Date Completed May 19, 1963Type of well Driven Equipment Used Gravel Point
(dug, driven, bored or (Churn, drill, rotary or
drilled) 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)
1 1/2"	Heavy Duty Galvanized 1 1/2" pipe		24'	4" Gravel Point	20'	24'

Static Water Level for non-flowing Well 16 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 18 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Electric pump Length of Test One hour

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.

13007

3682

STATE OF MONTANA
County of Cascade

I hereby certify that the within
instrument was filed in this office on
DEC 23 1963

at 4:50^{PM} o'clock

J. L. LENNON
County Clerk and Recorder

By *[Signature]*
Deputy

File No.

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

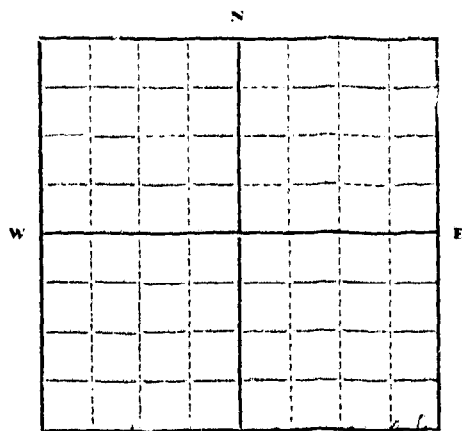
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
OCT 9 1963

STATE ENGINEER

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



Lot #4 N. Sec. 36 T. 14 N. R. 10 W. Sec. 36 T. 14 N. R. 10 W. Cascade, Montana.
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 lawn and garden watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1960 continuous since 1960
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof total area is less than one acre part of which is owned by Ruth J. Wilberg
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal one well only water drawn by jet pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1960
8. The depth of water table 75 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 depth of well 151 feet 5" casing jet pump
10. The estimated amount of groundwater withdrawn each year general household use
11. The log of formations encountered in the drilling of each well if available clay and sand down to water supply
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 water supply is obtained at bottom of hole down to 151 feet in this ground

Signature of Owner Ruth J. WilbergDate July 26, 1963

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

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

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

6.26.4

3390

STATE OF MONTANA, }
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
OCT 3 - 1968

at 3:00 ^{Date} o'clock P M.

J. L. LENNON

County Clerk and Recorder.

By

[Signature]
Deputy.

RECEIVED
MAY 11 1960

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

	2	
SW 1/4		

Owner Robert A. Wolf

Address Route 1, South
Wellington Tracts
Cascade, Montana
Room at 826 1/2 Ave. So.
Great Falls, Montana

Driller Al Reidelbach

Date Started 12 Sept. 1959

Date Completed 14 Sept. 1959

Well 11' completed; 3" C.I. floor drain pump installed. Started using water 26 January 1960.

Location: Sec. 2 T. 16N R. 2W 1/4 sec. SW 1/4

(Lot 31, S 63° 56' E. N 62° 44' W.)

Type of well Drilled

Equipment used Portable Percussion Well-

(Dug, driven, bored, or drilled)

Drilling Machine

(Churn drill, rotary, other)

Water use: Domestic ☒

Municipal ☐

Stock ☐

Irrigation ☒

Industrial ☐

Drainage ☐

Other: _____

Casing: 0' ft. to 26' 3 1/2" ft.

Type Black pipe Size 5"

Casing: _____ ft. to _____ ft.

Type _____ Size _____

Casing: _____ ft. to _____ ft.

Type _____ Size _____

Approximately 10 feet from bottom end of well casing, 1"x6"

Perforated or Screened: By cutting torch perforations made, alternating from side to side.

Type of screen or perforations 3" dia. x 26 1/2" in length copper pipe, 128 5/8" dia. holes drilled for 100 gauge brass wire mesh screen attached on 1 1/2" and 1 3/4" copper pipe let type lines within casing.

Static water level, for non-flowing well: App. 12' feet.

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

3/4" P. Fairbanks-Morris 1000 gals. per min. (date)

Pumping water level: 17' feet at 16.66 gal. per min.

How tested: Purged water of residue with 2" Home-ite ram pump.

Measurement by 1/4"x2 1/2" wood board before pump started and while pump was operating checked water level for drop which was ann. 1 1/2" over a 5 hour period.

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

None

(over)

Log of Well

Depth, feet
From To

Description of Material Drilled

STATE OF MONTANA (ss)
County of Cascade
I hereby certify that the within in-
strument was filed in this office on
the day of MAR 15 1960
at 448 o'clock P.
J. L. Lennon
County Clerk and Recorder
M. C. Rickard
Deputy

File No.

T. H. R. 7-11

DUPLICATE

County. Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater. 11/5/72

Owner. Carol J. Haver. Address. 2825 E. 14th St.

Contractor (if any). Not applicable

Address of Contractor. Not applicable

Date Started. 11/5/72 Date Completed. 11/5/72

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

From a water seep pipe

and hole in floor for household

use

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

estimate approximate lengths of periods of use. 4-6 cubic

feet per minute volume

about 1/2 to 3/4 gallon per minute.

NE 1/4 Sec. 8, T. 14 N. R. 7 E.

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

See sketch on drawing

Doc. No. 5435

Filed for record

on 10th day of November

A.D. 1972 at 2:30

o'clock P.M.

Signature of Owner. Carol J. Haver

Date. 11/5/72

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

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

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

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

5455

STATE OF MICHIGAN
County of _____
I hereby certify that the
instrument was duly recorded
this 12th day of _____ 1972

at _____ 2:30 P

J. L. _____

Clerk

By W. E. Balam Deputy.