

GROUNDWATER INDEX

Page 1 of 1

County Muskegon Twp. 9N Rge. 28E

[illegible]

File No.

T. 9^N R. 28^E

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

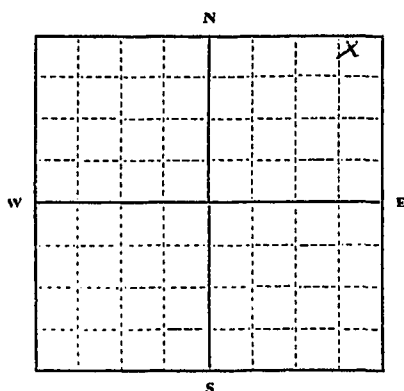
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



1/4 Sec. 1 T. 9 R. 27

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

2. The beneficial use on which the claim is based for watering Live Stock When needed

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1954 Watering Live Stock When needed

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 1/2 Gallons Per Minute

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

None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1954 Summer

8. The depth of water table 260

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 260 feet deep 6 in casing

for Live Stock When Needed

10. The estimated amount of groundwater withdrawn each year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

I haven't got any

Signature of Owner R. F. Mattson

Date Dec 19 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.

12365

169315

STATE OF MONTANA, {SR.
MUSSELSHELL COUNTY.

FILED THIS 23 DAY OF

Dec A. D. 1963

AT 12:14 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson

DEPUTY

2.00

File No.

DUPLICATE

T. 9 N. R. 28 E. 4

County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

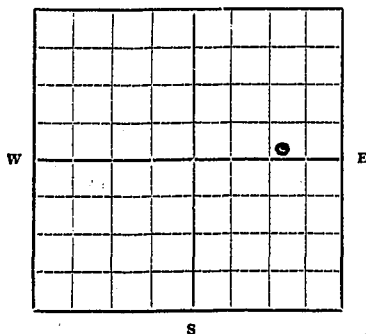
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



NE 1/4 Sec. 4 T. 9 R. 28

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 Before 1910 with intermittent use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) About 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 Cylinder pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Information on the well unknown.
8. The depth of water table 90 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled, six inch casing and depth of 140 feet
10. The estimated amount of groundwater withdrawn each year of several thousand gallons
11. The log of formations encountered in the drilling of each well Log not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None that we know of.

Signature of Owner Betty Goffena

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.

15356

169459

STATE OF MONTANA, } ss.
DELSHELL COUNTY, }

ED THIS 27 DAY OF
Dec A. D. 1963
3:32 O'CLOCK P.M.

B. H. MATZKE
COUNTY RECORDER

James L. Dawson
DEPUTY

2.00

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199

File No.

T. 9 N R. 28

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Refer 1910Owner Wesley & Betty Goffena Address Delphia, MontanaContractor (if any) None

Address of Contractor

Date Started Last Development
8-16-61 Date Completed 11-5-61

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

Gravity-- depth of about 5 feet

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

estimate approximate lengths of periods of use.....

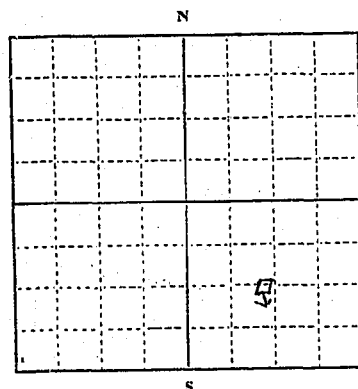
Use: ContinuousSignature of Owner Betty GoffenaDate 12-27-1963

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

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

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

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

SE 1/4 Sec. 5 T. 9 R. 28

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

169462

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 27 DAY OF

Dec A. D. 19 63

AT 3:35 O'CLOCK P. M.

B. E. MATZKE
COUNTY RECORDER

James L. Dawson
DEPUTY

2.00

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—4499

File No.

T. 9 N R. 28

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Before 1960Owner Wesley & Betty Goffena Address Delphia, MontanaContractor (if any) NoneAddress of Contractor NoneDate Started 12-15-60 Date Completed 12-30-60

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

gravity

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

estimate approximate lengths of periods of use.

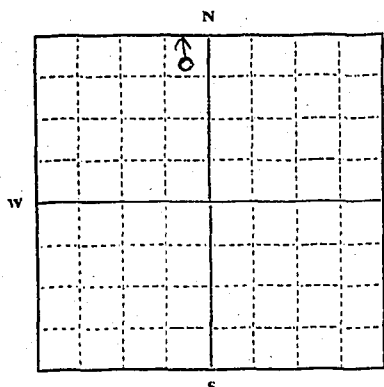
Use: continuousSignature of Owner Betty GoffenaDate Dec. 27, 1963

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

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

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

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



NW 1/4 Sec. 6 T. 9 R. 28

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

15358

169461

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 27 DAY OF
dec A. D. 1963
AT 3:34 O'CLOCK P.M.

E. H. MATZKE

COUNTY RECORDER

James L. Dawson
DEPUTY

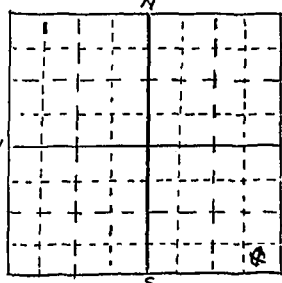
2.00

State of Montana
Administrator of groundwater Code
Office of State Engineer

97 28 8
T...R...
County...**Musselshell**...
RECEIVED
DEC 30 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1962) **STATE ENGINEER**

1... **Wesley and Betty Goffena**....., of, **Delphia**..... **Montana**.....
(Name of Appropriator) (Address) (Town)
County of **Musselshell**..... State of **Montana**.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 9 T. 28 R.

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 **Jan. 28, 1960**.....
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.... **None used for irrigation**.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
..... **Cylinder pump**.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water
..... **Commenced on Jan. 28, 1960 and completed on Feb. 2, 1960**.....
8. The depth of water table **50 feet**.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
..... **Drilled well with 6 inch casing at a depth of 200 feet**.....
10. The estimated amount of groundwater withdrawn each year... **30 thousand gallons**.....
11. The log of formations encountered in the drilling of each well if available.....
..... **Attached**.....
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 count record.....
..... **None**.....

Signature of Owner... **Betty Goffena**...

Date **Dec. 27, 1963**.....

169454

STATE OF MONTANA,
MUSKELSHELL COUNTY. } ss.

FILED THIS 27 DAY OF
Dec A. D. 1963
AT 3:27 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson
DEPUTY

2.00

File No.

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner Feeley & Betty Goffena Address Delphia, MontanaContractor (if any) NoneAddress of Contractor NoneLast developmentDate Started July 1959 Date Completed Sept. 30, 1959

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

Gravity

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

estimate approximate lengths of periods of use.....

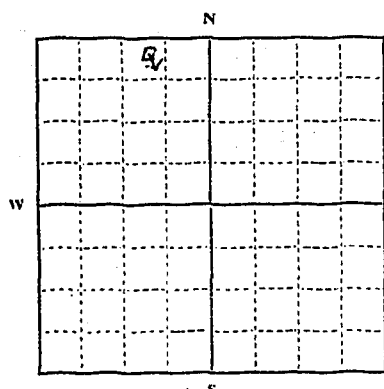
Use: continuousSignature of Owner Betty GoffenaDate Dec. 27, 1963

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

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

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

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



NE 1/4 Sec. 9 T. 9 R. 28

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

169467

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 27 DAY OF
dec A. D. 1963
AT 3:40 O'CLOCK P.M.

B. H. MATZKE

CLERK OF DISTRICT COURT

Francis L. Dawson
DEPUTY

2.02

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199

File No.

T. 9N R. 28E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Oct. 31, 1959

Owner Wesley & Betty Goffena Address Delphia, Montana

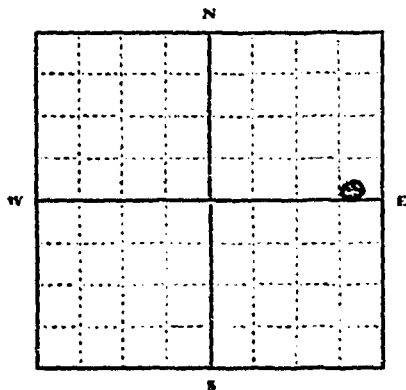
Contractor (if any) Byron Corcoran

Address of Contractor Ryegate, Montana

Date Started Sept. 1959 Date Completed Oct. 31, 1959

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

Open pit with gravity flow



NE 1/4 Sec. 10 T. 9 R. 28
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

Uses continuous pit 50 ft by 75 ft and

10 feet deep

Signature of Owner Betty Goffena

Date Dec. 27, 1963

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

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

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

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

15366

169469

STATE OF MONTANA,
MUSSELSHILL COUNTY. } ss.

FILED THIS 27 DAY OF
Dec A. D. 19 63

AT 3:42 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson
DEPUTY

2.02

File No.

T. 9N R. 28

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

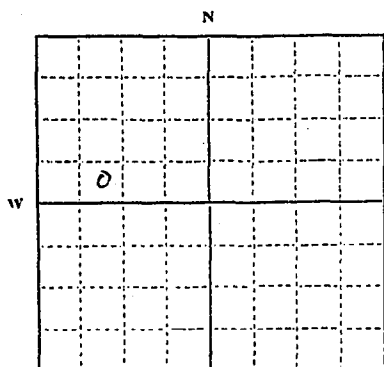
RECEIVED
DEC 30 1963

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Before 1910Owner Wesley & Betty Goffena Address Delphia, MontanaContractor (if any) NoneAddress of Contractor NoneLast developmentDate Started 6-28-1962 Date Completed 7-3-1962

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

gravityNW $\frac{1}{4}$ Sec. 10 T9 R28

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.

Use: continuousSignature of Owner Betty GoffenaDate Dec. 27, 1963

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

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

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

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

169465

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 27 DAY OF

July A. D. 1963
AT 3:38 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

2.00

File No.

T. 9 N. R. 28

DUPLICATE

County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 11 1963

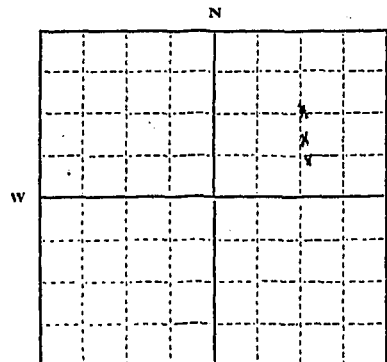
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Roy W. McGaffree, of Musselshell Box 42
(Name of Appropriator) (Address) (Town)

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



E 1/4 of NE 1/4
Sec 12 T. 9 R. 28

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

2. The beneficial use on which the claim is based. livestock
water irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Known as four mile
springs. At least 70 years.
4500 continuous in past years
and present
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 80 miner's inches
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 Acre - SW 1/4 SE 1/4 of NE 1/4
Section 12 T. 9 R. 28
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Flows
freely from spring site and
pumped with engine and
windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Springs At least 70 years ago - Engine
pump and windmill
8. The depth of water table. 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. Springs - developed to
desired needs.
10. The estimated amount of groundwater withdrawn each year. 17,200 gallons
11. The log of formations encountered in the drilling of each well if available. Surface water
sand stone three feet from surface.
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. W. Letten dated with
water rights

Signature of Owner

Date Dec 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

8572

169112

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 10 DAY OF

December A. D. 19 63

AT 3:00 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson

DEPUTY

2.00

File No.

T. 9 N. R. 28

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 31, 1963

Owner Goffens Ranch & Livestock Co. Address Roundup, Montana

Contractor (if any) George Hansen

Address of Contractor Roundup, Montana

Date Started 1945 Date Completed 1961

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. One pit is approximately 6 ft. by 6 ft. by 8 ft. with gravity feed in plastic pipe to watering tank. other pit is approximately 20 ft. by 20 ft. by 8 ft. deep with plastic pipe leading from it.

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.

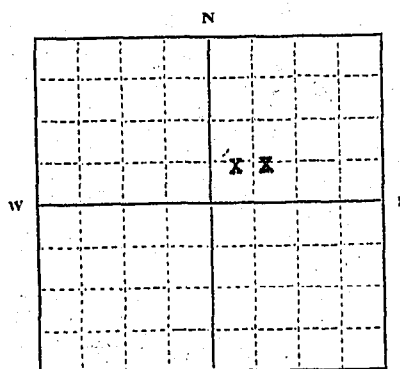
Unlimited quantity of water developed. Use is

controlled by amount needed for livestock.

Signature of Owner Goffens Ranch & Livestock Co.

By Jerome Goffens

Date December 31, 1963



SW $\frac{1}{4}$ NE Sec. 12 T. 9 R. 28

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.

169809

STATE OF MONTANA, 1st ss.
MUSSELSHELL COUNTY.

FILED THIS 21 DAY OF

Dec A. D. 1963

AT 6:24 O'CLOCK P M.

FILED

COUNTY RECORDER

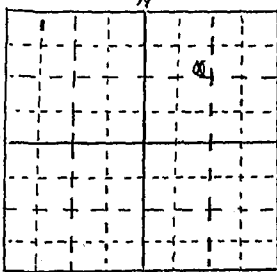
James L. Duncan
2nd DEPUTY

State of Montana
Administrator of groundwater Code
Office of State Engineer

9 N E 14
T. R.
County. Musselshell
RECEIVED
DEC 30 1963

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

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



NE 1/4 Sec 9 T. 28 R

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 Nov. 11, 1949.....
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....about 6 gallons per minute.....
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....None used for irrigation.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
.....Cylinder pump.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water
.....Nov. 11, 1949 commenced and finished on Nov. 15, 1949.....
8. The depth of water table ...60 feet.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwal of groundwater.....
.....Drilled well with 6 inch casing at a depth of 160 feet.....
10. The estimated amount of groundwater withdrawn each year.....several thousand gallons.....
11. The log of formations encountered in the drilling of each well if available.....
.....Log 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 count record.....
.....None recorded or no other information we know of......

Signature of Owner. Betty Goffena.....

Date ..Dec. 27, 1963.....

169455

STATE OF MONTANA, } ss.
SHELL COUNTY. }

THIS 27 DAY OF
Dec A. D. 19 63
3:28 O'CLOCK P.M.

B. E. MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY

2.00

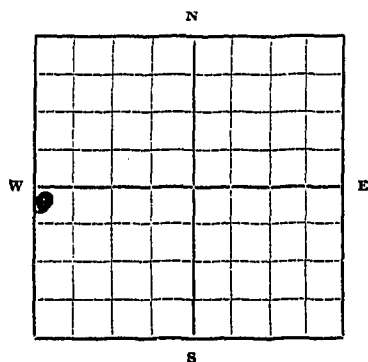
File No.

DUPLICATE

T. 9 N R. 28 E. 16
County. MusselshellSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
DEC 30 1963Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



SW 1/4 Sec. 16 T. 9. R. 28.

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
June 12, 1947 used off and on
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
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
Cylinder pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
June 12, 1947 it was commenced and finished on June 16, 1947
8. The depth of water table 140 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Drilled well with 6 inch casing at a depth of 189 feet
10. The estimated amount of groundwater withdrawn each year Several thousand gallons
11. The log of formations encountered in the drilling of each well if available Log not available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
None recorded and no other information available that we know of.

Signature of Owner

Betty GoffenaDate 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.

15353

169456

STATE OF MONTANA
MUSSELSHELL COUNTY.

FILED THIS 27 DAY OF
dec A.D. 1913
AT 3:29 O'CLOCK PM

B. H. MATZKE

CLERK OF THE COURT

Francis L. Dawson
DEPUTY

2.09

File No.

DUPLICATE

T. R.

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

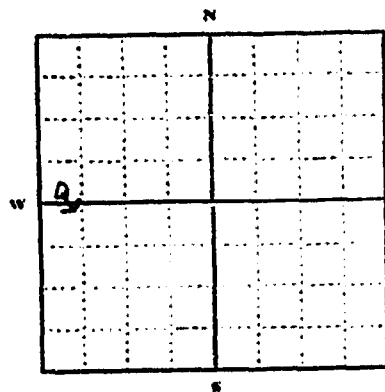
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Before 1910Owner Nealey & Betty Goffena Address Delphia, MontanaContractor (if any) NoneAddress of Contractor None

Last Development
Date Started 11-1-1963 Date Completed 11-30-1963

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

gravity at a depth of 10 feet



NW 1/4 Sec 16 T. 9. R. 38

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.

Use: continuous

Signature of Owner Betty GoffenaDate Dec. 27, 1963

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

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

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

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

169466

STATE OF MONTANA.
MUSSELSHELL COUNTY. }
FILED THIS 27 DAY OF
Dec A. D. 1963
AT 3:39 O'CLOCK P.M.

B. H. MATZ
COUNTY RECORDER
James L. Dawson
DEPUTY
2.00

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—421503

File No.

T. 9 N 28

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Before 1910Owner Wesley & Betty Goffens Address Delphia, MontanaContractor (if any) None

Address of Contractor

Last Development
Date Started 8-7-61 Date Completed 8-15-61

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

Gravity

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

estimate approximate lengths of periods of use

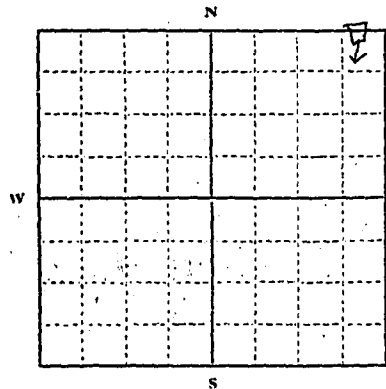
Use: continuousSignature of Owner Betty GoffensDate 12-27-63

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.

NE 1/4 Sec. 18 T. 9 R. 28

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

15361

169464

STATE OF MONTANA, }
MUSSELSHELL COUNTY, } ss.

FILED THIS 27 DAY OF

Dec A. D. 1963

AT 3:37 O'CLOCK P.M.

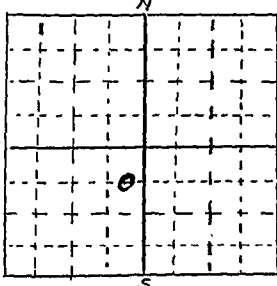
B. H. MATZKE

COUNTY RECORDER

James L. Dawson
2.02 DEPUTY

T.....R.....
County...**Musselshell**.....State of Montana
Administrator of groundwater Code
Office of State Engineer**RECEIVED**
DEC 30 1963DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1962)
STATE ENGINEER

1. **Wesley and Betty Goffens**....., of **Delphia**.....**Montana**.....
 (Name of Appropriator) (Address) (Town)
 County of **Musselshell**.....State of **Montana**.....
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.W. 1/4 Sec. 7 T. 28 R.

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**April 10, 1961**.....
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....**6 1/2 gallons per minute**.....
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof...**None used for irrigation**.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
 **Cylinder pump**.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water
 **Commenced on April 10, 1961 .. Completed on April 15, 1961**.....
8. The depth of water table**65 feet**.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
 **Drilled well with a 6 inch casing at a depth of 150 feet**.....
10. The estimated amount of groundwater withdrawn each year...**Several thousand gallons**..
11. The log of formations encountered in the drilling of each well if available.....
 **attached**.....
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 count record.....
 **None**.....

Signature of Owner.....

*Betty Goffens*Date ..**Dec. 27, 1963**.....

169452

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 27 DAY OF

dec A. D. 1963

AT 3:25 O'CLOCK P M.

R. H. MATZKE

COUNTY RECORDER

Francis L. Dawson

DEPUTY

2.00

Form No. 18
8-60

T. 9 North R. 28 East

County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

STATE ENGINEER

Water Well Log

	20	

Owner R. H. Adolph Estate Address Delphia, Montana

Driller R. H. Adolph Address Deceased

Date Started _____ Date Completed 1922

Location: Sec. 20 T. 9 N R. 28 E $\frac{1}{4}$ sec. NWNE

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

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

Casing: 0 ft. to 14 ft. Type CMP Size 6 foot

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 Set on gravel

Static water level, for non-flowing well: 4 ft feet.

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

Pumping water level 12 feet at 10 gal. per min.

How tested: Hand pump

Length of test _____

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

(over)

۷

[illegible]

Form No. 18
8-60

T. 9 North R. 28 East
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

STATE ENGINEER

T9N R28E

	20	

Water Well Log

Owner R. H. Adolph Estate Address Delphia, Montana

Driller Carl Manuel Address Deceased

Date Started _____ Date Completed 1913

Location: Sec. 20 T. 9 N R. 28 E $\frac{1}{4}$ sec. SESW

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

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

Casing: 0 ft. to 190 plus ft. Type Galvanized Size 6 inch

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

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

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

Type of screen or perforations Pipe is perforated range of depth unknown

Static water level, for non-flowing well: 27 feet from top feet.

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

Pumping water level 180 feet at 3 gal. per min.

How tested: Actual pumping

Length of test _____

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

Unknown

(over)

File No.

T. 9 N 28 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

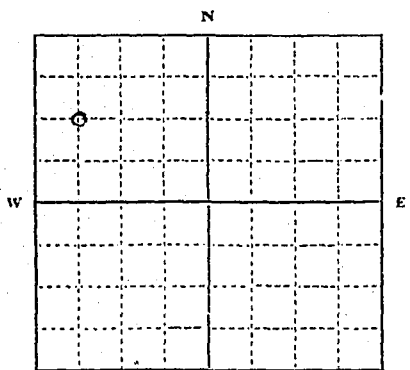
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Before 1910Owner Wesley & Betty Goffena Address Delphia, MontanaContractor (if any) NoneAddress of Contractor NoneLast DevelopmentDate Started May 1958 Date Completed May 1958

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

gravity

NW 1/4 Sec. 21 T. 2 R. 28

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.

Use: continuousSignature of Owner Beth GoffenaDate Dec. 27, 1963

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

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

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

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

169468

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 27 DAY OF
dec A. D. 1923
AT 3:41 O'CLOCK P M.

B. E. MATZKE

COUNTY RECORDER

Frances L. Dawson
DEPUTY

2.00

File No.

DUPLICATE

T. 9 N. R. 28 E. 4

County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

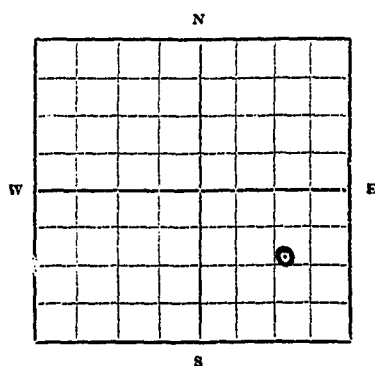
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Wesley and Betty Goffena, of Delphia, Montana
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec 22 T. 9 R. 28

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

2. The beneficial use on which the claim is based Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 14, 1945 used off and on by rotation of livestock
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 Cylinder pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 14, 1945 it was commenced and completed on July 18, 1945
8. The depth of water table 50 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well with 6 inch casing at a depth of 105 feet
10. The estimated amount of groundwater withdrawn each year several thousand gallons
11. The log of formations encountered in the drilling of each well if available Log not available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None recorded and no other information available that we know of.

Signature of Owner Betty Goffena

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 Quaternary duplicate for the Appropriator.

15354

169457

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 27 DAY OF
Dec A.D. 1963
AT 3:30 O'CLOCK P.M.

B. H. MATTHEWS
COUNTY RECORDER

James L. Dawson
DEPUTY

2.00

State of Montana
Administrator of groundwater Code
Office of State Engineer

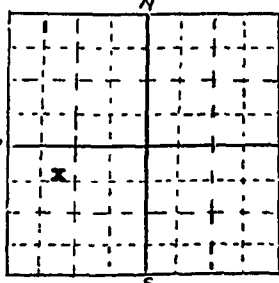
T...2...R. 28
County Musselshell

RECEIVED
JAN 10 1964

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

STATE ENGINEER

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



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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been ..1942;..in continuous use since that date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)..30 gallons per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water ..1942... The year of 1942.

8. The depth of water table ..60 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
6 inch casing, 60 feet deep.

10. The estimated amount of groundwater withdrawn each year...153,000 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 count record.....
Not available.

Signature of Owner.....

Bert H. Davis

Date January 2, 1964

169874

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 7 DAY OF

Jan A. D. 19 64
AT 2:42 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Lawson

DEPUTY

2.00

File No.

DUPLICATE

T. 9 N R. 28 E 27

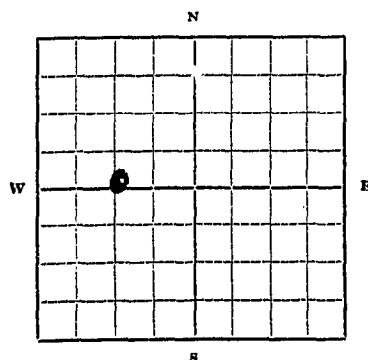
County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

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

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



NW 1/4 Sec. 27, T. 9, R. 28

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, and garden irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 11, 1944 with continuous use since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) About 6 1/2 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 small garden for owners use
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Cylinder pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 11, 1944 it was commenced and completion was on May 26, 1944
8. The depth of water table 30 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well, 6 inch casing and depth of 100 feet.
10. The estimated amount of groundwater withdrawn each year several thousand gallons
11. The log of formations encountered in the drilling of each well if available Log not available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None recorded that we know of.

Signature of Owner Betty Goffens

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.

15355

169458

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 27 DAY OF
Dec A. D. 1963
AT 3:31 O'CLOCK P.M.

B. H. MAIZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

2. 00

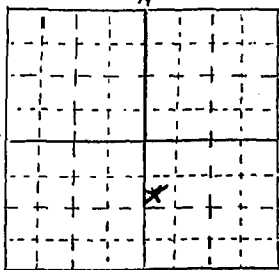
State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED

DECLARATION OF VESTED GROUNDWATER RIGHTS JAN 9 1964
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



S.W. 1/4 Sec. 9...T28.R

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 & Gardening.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *Since 1961 Continuous*.....
4. The amount of groundwater claimed (in miner's inches or gallons per minute). *10 gal*.....
5. If used for irrigation, give the acreage and description of the land on which water has been applied and name of the owner.....
110 acre James Good.....
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 ground water *About Oct. 15 to Dec. 1, 1961*.....
8. The depth of water table *10 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.....
Drilled, 4.0 ft. 6" 30 ft. 4".....
10. The estimated amount of groundwater withdrawn each year. *20,000*.....
11. The log of formations encountered in the drilling of each well if available.....
4 ft. clay 3.6 ft. gravel 30 ft. 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 count record.....

Signature of Owner

James Good

Date

Dec. 31, 1963...

169627

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 31 DAY OF

December A. D. 1963

AT 9:54 O'CLOCK A.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson

DEPUTY

2⁰⁰

GW2

File No.

DUPLICATE

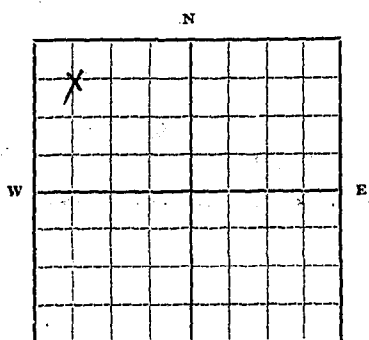
County MarshallSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater Appropriation by Means of Well
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Owner (R.H. Adolph Est.) Address DelphiaDriller Orville S. Treble Address Marshall, W.Date of Notice of Appropriation of Groundwater June 1961Date well started 11/10/62 Date Completed 11/14/62Type of well Drilled Equipment Used Spudder
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 3/4"	5" 20 lb. Galvanize	0'	56'	factory perforated	23'	56'

N.W. 1/4 Sec 28 T. 9 R. 28
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 25' feet.Shut-in Pressure for Flowing Well NON-FLOWINGPumping Water Level 52' feet at 6 gal. per minute.Discharge in gal. per min. of flowing well NON-FLOWINGHow Tested Bailed at 25 gals. 15 min. Length of Test 2 min.

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

acres irrigated, if used for irrigation)

Deepen well from 33' to 56'
to increase water flow. Put
5" casing inside of old 6"
casing.
105

Driller's License Number

Driller's Signature Orville S. Treble

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

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

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

3098.

167389

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 2nd DAY OF

January A. D. 1963

AT 9:35 O'CLOCK AM

B. H. MATZKE

COUNTY RECORDER

DEPUTY

Clair J. Lissman
200

Form No. 18
8-60

T. 9 North R. 28 East
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1952

T9N R28E

Water Well Log

STATE ENGINEER

	28		

Owner R. H. Adolph Estate Address Dalphia, Montana
Driller N. D. Iverson Address Deceased
Date Started _____ Date Completed 1945
Location: Sec. 28 T. 9 N R. 28 E $\frac{1}{4}$ sec. NNW

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

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

Casing: 0 ft. to 30 ft. Type Galvanized Size 6 inch

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

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

Perforated or screened: Ft. 20 to ft. 30 Ft. _____ to ft. _____

Type of screen or perforations Perforated

Static water level, for non-flowing well: 20 feet.

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

Pumping water level 30 feet at 2 gal. per min.

How tested: Pumping

Length of test ////

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

(over)

Log of Well

[illegible]

Form No. 18
8-60

T. 9 North R. 28 East
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 9 1962

T9N R28E

	29	

Water Well Log

STATE ENGINEER

Owner R. H. Adolph Estate Address Delphia, Montana
Driller Unknown Address _____
Date Started _____ Date Completed 1931
Location: Sec. 29 T. 9 N R. 28 E $\frac{1}{4}$ sec. SESE

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

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

Casing: 0 ft. to 70 ft. Type Galvanized Size 6 inch

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

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

Perforated or screened: Ft. 60 to ft. 70 . Ft. _____ to ft. _____

Type of screen or perforations _____

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

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

Pumping water level 54 feet at 10 gal. per min. _____

How tested: Actual pumping over the years

Length of test _____

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

(over)

Log of Well

[illegible]

Form No. 18
8-60

T. 9 North R. 28 E

County Musselshell 1

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

STATE ENGINEER

T9N R28E

Water Well Log

	29		

Owner R. H. Adolph Estate Address Delphia, Montana

Driller NP Ry (drilled for) Address Driller unknown

Date Started _____ Date Completed 1908

Location: Sec. 29 T. 9 N R. 28 E $\frac{1}{4}$ sec. SESE

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

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

Casing: 0 ft. to 256 ft. Type Iron Pipe Size 6"

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

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

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

Type of screen or perforations unknown

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

Shut-in pressure, for flowing well: 3 lb./sq. in. on: 12-28-61
(date)

Pumping water level ////// feet at 1 1/2 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

[illegible]

Sec 29

T. 9 N. R. 28 E.

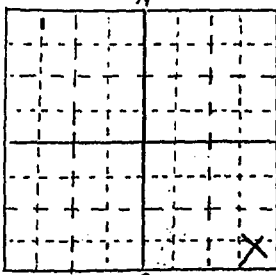
County Musselshell

State of Montana
Administrator of groundwater Code
Office of State Engineer

JAN 3 1964

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

1. R. H. Adolph Estate, of Delphia (Name of Appropriator) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1, 1962

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 50 gallons a 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 by hand

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water April 1, 1962

8. The depth of water table 40' to 45'

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. 120' depth of well, 6 inch iron casing

10. The estimated amount of groundwater withdrawn each year. 160,000 gallons

11. The log of formations encountered in the drilling of each well if available 12' to 24' Shale, 24' to 33' Rock, 33' to 36' Shale, 36' to 40' Coal, 40' to 45' Shale, 45' to 100' Rock, 100' to 115' Shale, 115' to 120' 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 count record.

Signature of Owner

General Adolph

Date

Dec. 31, 1963

STATE OF MONTANA, } ss.
 MUSSELSHELL COUNTY. }

FILED THIS 31 DAY OF

December A. D. 1963

AT 2:28 P.M. O'CLOCK

COUNTY RECORDER

COUNTY RECORDER
Francis L. Hanson
 2⁰⁰ DEPUTY

200

1. Statement of state
 2. related testimony to relevant
 3. testimony state to state

(Paper presented at the 1997 Annual Meeting of the American Psychological Association, Washington, DC, September 10, 1997)

Office of Management and Enterprise Services

[illegible]

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File No.

DUPLICATE

T. 9N R. 28E

County DEWEE D

JAN 3 1964

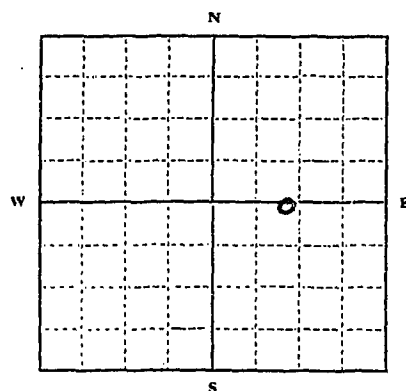
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul Goffena of Deep River Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 36 T. 9N 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 water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1955
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
10 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.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
Fall of 1955
8. The depth of water table.....
35 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
6 in casing 92 ft
10. The estimated amount of groundwater withdrawn each year.....
Unknown
11. The log of formations encountered in the drilling of each well if available.....
None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner

Paul Goffena

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.

169773

STATE OF KENTUCKY
NOTARIAL PUBLIC

FILED THIS 31 DAY OF
December A. D. 19 20

AT 5:12 O'CLOCK P. M.

2nd JURY

COUNTY RECORDER

James L. Dawson
2nd

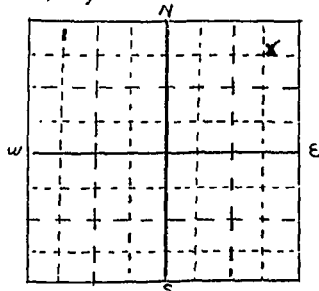
State of Montana
Administrator of groundwater Code
Office of State Engineer

T. 9 N R. 28
County

RECEIVED
JAN 2 1964

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

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



- N.E. 1/4 Sec 32 T. 9 R. 28
2. The beneficial use on which the claim is based.....
2 HOUSES & LAWN.....
 3. Date or approximate date of earliest beneficial use; and how continuous the use has been1953.....
 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....(5) FIVE GALLONS.....
 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
PRESSURE PUMP.....
 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water.....
June 14, 1963.....June 29, 1963.....
 8. The depth of water tableabout 15 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.....
Drilled, 6 in. casing.....4 1/2 ft. Deep.....
 10. The estimated amount of groundwater withdrawn each year...30,000.....
 11. The log of formations encountered in the drilling of each well if available.....
2 ft. Top soil.....quick sand to bottom.....
 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 count record.....

Signature of Owner Lloyd T. Parsons
Date Dec. 30, 1963

169506

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 30 DAY OF

Dec

A. D. 1903

AT 12:32 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson
DEPUTY

File No. _____

DUPLICATE

T. 9N R. 28E

County Musselshell

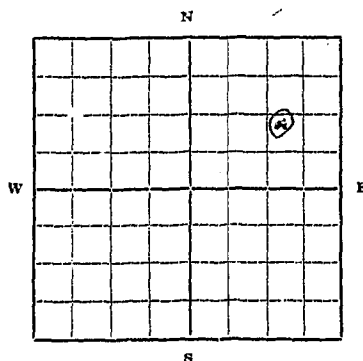
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 3 1964
STATE ENGINEER

1. Marcus Ivan Dinnichs, of Delphia
(Name of Appropriator) (Address)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE 1/4 Sec. 32 T. 9. R. 28

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 and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been earliest beneficial use unknown and has not been used for last ten years but to be put into use in future
4. The amount of groundwater claimed (in miner's inches or gallons per minute) seven gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof used on 100 acre watering spread and garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal cylindrical pump or jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown
8. The depth of water table approximately ten feet below 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 and cased, six inch approximately 80 ft deep
10. The estimated amount of groundwater withdrawn each year 833,300 gals per year
11. The log of formations encountered in the drilling of each well if available unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner Marcus Dinnichs

Date December 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.

20664

169820

STATE OF MONTANA, } ss.
MUSSELSHILL COUNTY.

FILED THIS 31 DAY OF

Dec A. D. 1963
AT 6:46 O'CLOCK P.M.

Ed. Matzke

COUNTY RECORDER

James L. Dawson
2nd DEPUTY