

File No. _____

DUPLICATE

T. 9N R. 27County Musselshell

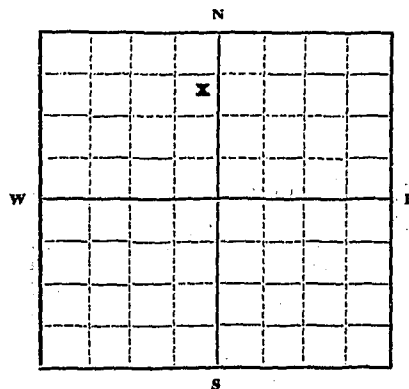
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 25 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Albert C. Beckman, of Roundup,
(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:



$\frac{1}{4}$ Sec. 8 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.....
Domestic and livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Continuous since August 1957
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
20 gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
Not used for irrigation at present
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Drilled well located as shown on sketch

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
well drilling started and completed in August 1957

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

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
4" diameter drilled well, cased with galvanized casing, 100 feet total depth, equipped with conventional reciprocating pump.

10. The estimated amount of groundwater withdrawn each year.....
182,500 gallons

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

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

Signature of Owner A C Beckman

Date June 22-62

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.

166490

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 22 DAY OF
June A. D. 1962
AT 9.02 O'CLOCK A M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Gossman
DEPUTY

\$2.00

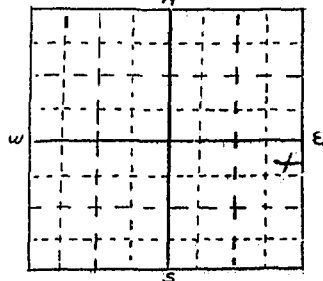
State of Montana
Administrator of groundwater Code
Office of State Engineer

T. 9 N. R. 27 E. M. 1
County Musselshell

JAN 3 1964

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

1. Burton H. Zoske....., of..... Burton
(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. 22 N., R. 27 E., M. 1

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 Family, Horse, and Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....5.....
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.....
Burton H. Zoske
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Burton H. Zoske
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water
8. The depth of water table1.30 ft.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
Small well 4 ft 1.30 ft deep
10. The estimated amount of groundwater withdrawn each year.....15,000.00.....
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 count record.....

Signature of Owner.....Burton H. Zoske

Date ..12-31-63.....

169780

STATE OF MONTANA, }
MUSSELSHELL COUNTY, }

FILED THIS 31 DAY OF

dec A. D. 19 63

AT 5:26 O'CLOCK P.M.

E. H. MATZKE

COUNTY RECORDER

James L. Dawson
2nd DEPUTY

Form No. 18
8-60

T. 9 R. 27
County Mineral

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 19 1961

WATER WELL LOG

STATE ENGINEER

Owner Emil Mattson Address Roundup

Driller W. John H. Dawson Address Roundup

Date Started June 10 Date Completed June 15

Location: Sec. 9 T. 9 R. 27 $\frac{1}{4}$ sec. SE NW

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

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

Casing: 0 ft. to 176 ft. Type New 2 1/2 in. Size 6"

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

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

Perforated or Screened: Ft. 161 to ft. 176. Ft. _____ to ft. _____

Type of screen or perforations factory perforations

Static Water level, for non-flowing well: 90 ft from top feet.

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

Pumping water level 36 feet at 12 gal. per min.

How tested: bedding

Length of test one hour

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

(over)

Log of Well

[illegible]

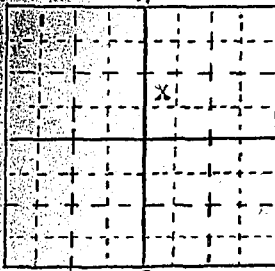
State of Montana
Administrator of groundwater Code
Office of State Engineer

T...9...R.27...
County. Musselshell...

JAN 3 1964

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

1. Robert A. Goffner or Mary E Goffner, of
(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.....

.....livestock water.....

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

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

NE...4...Sec.9...T.9...R.27 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.....

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.....
.....5 in. d. cylinder.....

7. The date of commencement and completion of the construction of the well, wells, or other
works for withdrawal of ground waterSept. 1961.....

8. The depth of water table60'.....

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" casing, 175' deep.....

10. The estimated amount of groundwater withdrawn each year.....50,000 gal.....

11. The log of formations encountered in the drilling of each well if available.....
.....no record.....

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 court record.....

Signature of Owner.....
.....Mary E. Goffner.....

DateDec. 31, 1963.....

169805

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF

Dec A. D. 1963

AT 6:16 O'CLOCK P.M.

P. E. MATTHEW

COUNTY RECORDER

Frances L. Dawson
209 DEPUTY

GW 4

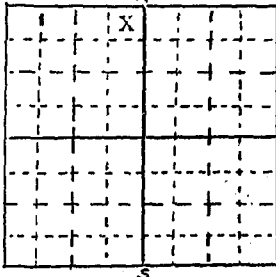
T...S...R...
County...
10

State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 3 1964
STATE ENGINEER

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

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



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

.....

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

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

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

Indicate point of appropri-
ation 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.....

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

8. The depth of water table

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

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

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

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

Signature of Owner...
Date ...

...

20648

169804

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ^{ss.}

FILED THIS 31 DAY OF

Dec A. D. 19 63
AT 6:14 O'CLOCK P M.

R. E. MATZKE

COUNTY RECORDER

Frances L. Dawson
202 DEPUTY

RECEIVED

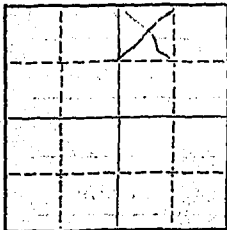
APR 28 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 9 R. 27 10
County Musselshell

WATER WELL LOG



Owner Emil Mattson Address _____
Driller Gordon Scammon Address Roundup, Montana
Date Started April 1, 1958 Date Completed April 8, 1958
Location: Sec. 10 T. 9 R. 27 1/4 sec.

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

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

Casing: 6 inch 0 ft. to 270 ft. Type Hand Size 6"

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

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

* Perforated or Screened: Ft. 225 to ft. 238 Ft. 249 to ft. 260

Type of screen or perforations _____

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

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

Pumping water level 110 feet at 1 3/4 gallon per min. gal. per min.

How tested: Bailer

Length of test _____

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

(over)

Log of Well

[illegible]

File No.

T. 9 N R. 27

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

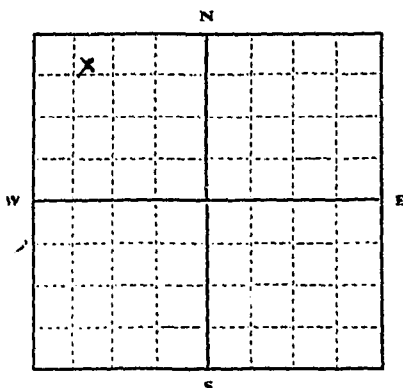
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. R. F. Mattson, of Delphia
(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:



NW 1/4 Sec. 12 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 House and Live stock the year around
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Summer of 1960 and every day since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 Gallons Per Minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal NW 1/4 12-9-27 at Ranch Headquarters

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Summer of 1960
Pumping with Gas Engine and Pump 2 in Cylinder
8. The depth of water table 285
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 the Well is 285 feet depth with casing
10. The estimated amount of groundwater withdrawn each year enough
11. The log of formations encountered in the drilling of each well if available don't have any
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 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.

169316

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 23 DAY OF

Dec A. D. 19 63

AT 12:16 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson

DEPUTY

2. ⁰⁰

File No.

T. 9^N R. 2^E

DUPLICATE

County. Musselshell

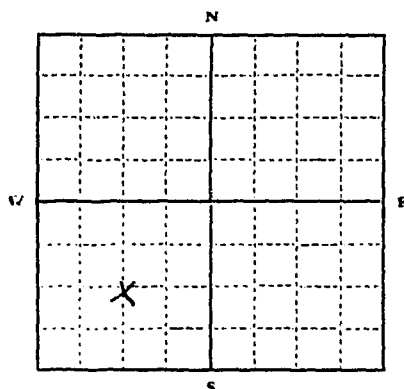
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. R. F. Mattson, of Delphia
(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:



$\frac{1}{4}$ Sec. 12, 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. Used in the Spring when Cousa Calving
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. in the Spring of 1948 and every spring thereafter
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons when drilled
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. SW $\frac{1}{4}$ in 12-9-27
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Fall of 1947
8. The depth of water table. 200
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. 200 feet 6 in casing Gas Engine and Pump 2 1/2 in cylinder
10. The estimated amount of groundwater withdrawn each year. I don't know
11. The log of formations encountered in the drilling of each well if available. don't have any
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. 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.

12364

169314

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 23 DAY OF

Dec A. D. 19 63

AT 12:12 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Lawson
DEPUTY

2.00

File No.

DUPLICATE

T. 9N R. 27E

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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 unknownOwner Paul Hoffner Address Delphia Mont

Contractor (if any)

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Under gravelplastic pipe gravity flow
into stock tank from
improved spring

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

estimate approximate lengths of periods of use.

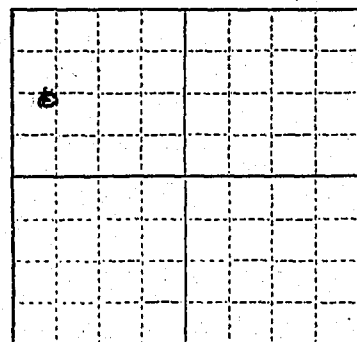
Continuous flow
Amount unknownSignature of Owner Paul HoffnerDate Dec 26-63

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.



N. W. 1/4 Sec. 13 T. 9N R. 27E
Indicate point of appropriation
and place of use, if possible.

169776

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 31 DAY OF
December A. D. 19 63
AT 5:18 O'CLOCK P.M.
WILLIAM MATZKE

COUNTY RECORDER
Frances L. Dawson
2nd DEPUTY

File No.

DUPLICATE

MONTANA WATER RESOURCES BOARD

RECEIVED

LOG

NOV 20 1966

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERT. 9 R. 27 16
County Muskegon

Top of Ground 0'
(Elev. above sea level.....)

20' soil

35' shale

42' sand water

54' shale

60' sand

72' shale

Show exact depth of bottom.

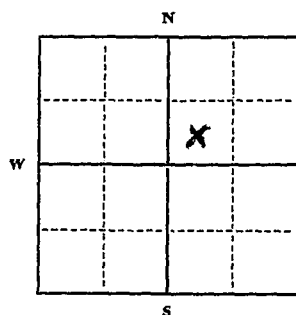
Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Paul Goffena Address Delphia Mont.
Driller Harvey McConnell Address Bozeman Mont.
Date of Notice of appropriation of groundwater.....
Date well started 11-30-67 Date completed 12-1-67
Type of well drilled Equipment used Churn drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)
Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7"</u>	<u>5" I.D.</u>	<u>-1'</u>	<u>72'</u>	<u>1/4" slots</u>	<u>50</u>	<u>60</u>
	<u>15#</u>				<u>35</u>	<u>40</u>



Static Water Level for non-flowing well 23 feet.

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

Pumping Water Level 40 feet
at 10 gal. per minute.

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

How Tested bailer

Length of Test 1 hr

Remarks: (Gravel packing, cementing, packers, type of shutoff) none

SW NE 16 T. 9 R. 27
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

limestone

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

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

43
Driller's License Number

Harvey McConnell
Driller's Signature

44,782

178198

STATE OF MONTANA,
MUSSELSHELL COUNTY, ss.

FILED THIS 19 DAY OF

November A. D. 1968

AT 9.35 O'CLOCK 9 M.

Claude L. Fletcher
COUNTY RECORDER

\$2.00

DEPUTY

File No.

DUPLICATE

T. 9 N R. 27 ECounty Musselshell

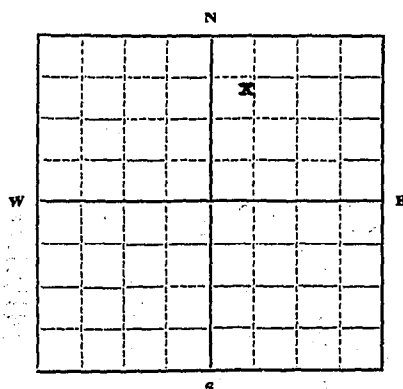
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 23 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Albert C. Beckman, of Roundup,
(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:



1/4 Sec. 17 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.....
Domestic and livestock

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been.....
continuous since June 1958

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

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

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.....
Drilled well located as shown on sketch at left

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater.....
well drilling started and completed in June 1958

8. The depth of water table.....
130 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" diameter drilled well, cased with galvanized casing, 230 feet total depth,
equipped with conventional reciprocating pump.

10. The estimated amount of groundwater withdrawn each year.....
365,000 gal. per year

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

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

Signature of Owner A.C. Beckman

Date June 22-62

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.

166494

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 22 DAY OF

June A. D. 19 62

AT 9.10 O'CLOCK 2 M.

B. H. MATZKE

COUNTY RECORDER

Claine J. McCaman
DEPUTY

\$2.00

File No.

T. 9 N R 27 E

DUPLICATE

County Missoula

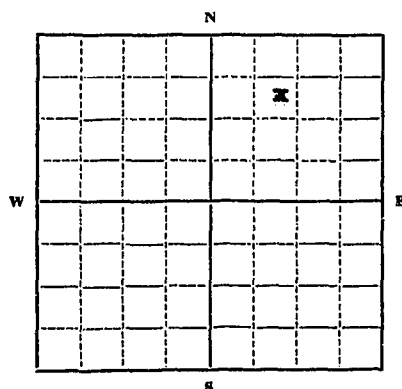
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 25 1962

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. St Albert C. Beckman, 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:



$\frac{1}{4}$ Sec. 17 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.....
Domestic and livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
continuous since July 1917

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 at present

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Drilled well located as shown on sketch at left

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
well drilling started and finished in July 1917

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

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
6" diameter drilled well, cased with galvanized casing, 180 feet total depth, equipped with conventional reciprocating pump.

10. The estimated amount of groundwater withdrawn each year.....
18,250 gallons

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

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

Signature of Owner A C Beckman

Date June 25 1962

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

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

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

166492

STATE OF MONTANA, 1st.
MUSSELSHELL COUNTY, 1st.

FILED THIS 22 DAY OF

June A. D. 1962
AT 9:06 O'CLOCK A.M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Lashman

DEPUTY

\$2.00

File No.

DUPLICATE

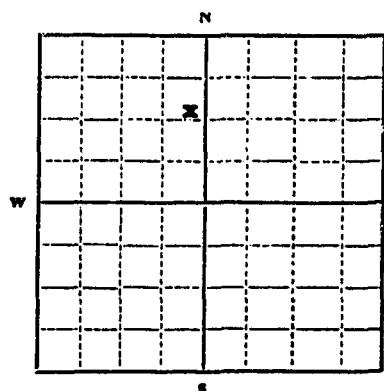
T. 9 N. R. 27 E. 17

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)

1. Albert C. Beckman, of Roundup
(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:



1/4 Sec. 17 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
Domestic and Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Continuous since May 1951
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
8 gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Not used for irrigation at present
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Drilled well located as shown on sketch at left.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
well drilling started and finished in May 1951
8. The depth of water table
80 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
6" diameter drilled well, cased with galvanized casing, 280 feet total depth equipped with conventional reciprocating pump.
10. The estimated amount of groundwater withdrawn each year
270,000 gallons
11. The log of formations encountered in the drilling of each well if available
Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
none

Signature of Owner A. C. Beckman

Date June 22 - 62

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.

166491

STATE OF MONTANA. }
MUSSELSHELL COUNTY. }

FILED THIS 22 DAY OF

June A. D. 19 62
AT 9:04 O'CLOCK AM

R. H. MATZKE

COUNTY RECORDER

Alvin J. Brennan
DEPUTY

42.00

GW3

File No.

DUPLICATE

T. 9 N R. 27 E 18

County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater August 1921

Owner Albert C. Beckman Address Roundup, Montana

Contractor (if any) none

Address of Contractor

Date Started 1921 Date Completed 1921

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Developed spring, with water flowing during wet years, and within 2 or 3 feet

of the surface during less favorable seasons.

This water sub irrigates about 5 acres of coulee-bottom.

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

Use is continuous since development. Estimated 10 to 15 gallons per minute

Signature of Owner A. C. Beckman

Date June 22-62

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

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

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

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

166489

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 22 DAY OF
June A. D. 19 62
AT 9:00 O'CLOCK a M.

B. H. MATZKE

COUNTY RECORDER

DEPUTY

\$2.00

File No.

T. 9 N R 27

DUPLICATE

County Musselshell

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)

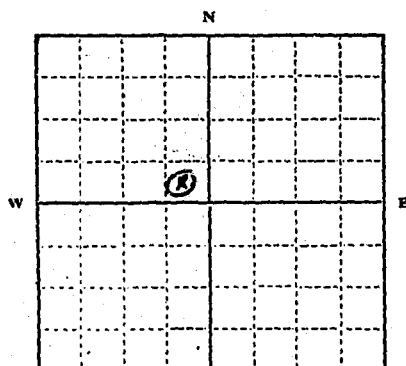
Date of Appropriation of Groundwater 1909
Owner Sudan Ranch Address Box 343 Roundup, Montana

Contractor (if any) None

Address of Contractor

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. Spring Natural Flow

Two Feet

SE 1/4 18 9 27
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 Continuous use
and all it will produce

Signature of Owner Sudan Ranch
Harold Gell

Date 12/23/63

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.

169380

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 26 DAY OF
Dec A. D. 1963
AT 1:02 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson
DEPUTY

2/02

GW

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

File No.

T. 9 R. 27

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

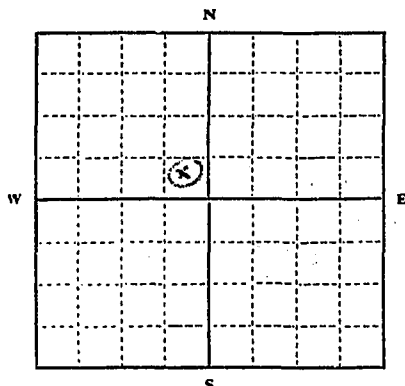
STATE ENGINEER

Sudan Ranch

Box 343

Roundup

1. _____, of _____
(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 NE 18 Sec. 9 T. 27 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 Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 Use continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill and pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 21, 1948
8. The depth of water table 63 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 None
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
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Unknown

Signature of Owner Sudan Ranch
Salomon Bell

Date 12/23/63

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

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

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

13596

169382

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 26 DAY OF

Dec A. D. 19 63
AT 1:07 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson
DEPUTY

2.00

File No.

T. 9 N. R. 27 E.

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1910
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

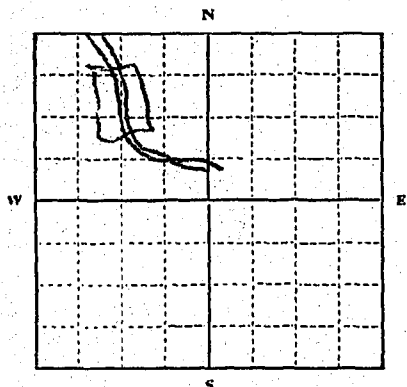
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1910Owner Sudan Ranch Address Box 343 Roundup, MontanaContractor (if any) None

Address of Contractor

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.

Spring Natural flow Two Feet

NW 1/4 Sec 23 T. 9 R. 27

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.

Continuous

continuous use and all it will produceSignature of Owner Sudan Ranch
Harold R. Ell

Date

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.

169379

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 26 DAY OF

dec A. D. 1943
AT 1:01 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson
DEPUTY

2.

File No.

DUPLICATE

T. 9 N R. 27 E 34
Musselshell
CountySTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JUN 12 1964

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner William J. Gagne Address Reynolds, Mont.Driller P. L. Ferguson Address Reynolds, Mont.

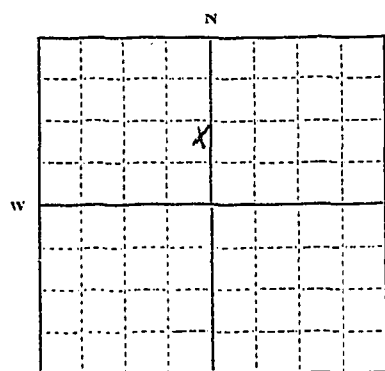
Date of Notice of Appropriation of Groundwater

Date well started 4-20-64 Date Completed 4-23-64Type of well drilled Equipment Used Churn
(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.

Top of Ground
(Elev. above sea level.....)
Fort Union
0
4 gumbo
25 sandy clay
40 light blue shale
65 sand with H₂O
78 layers Coal + sand
88 sand H₂O - 45 gal.
95 Blue shale

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
10	8 5/8	1	14	3/4 in	40	70
7	5 1/2 OD	1	95	slots	80	90
	14 lb					

NE 1/4 NW Sec. 34 T. 9 R. 27.
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 35 feet.Shut-in Pressure for Flowing Well does not applyPumping Water Level 75 feet at 45 gal. per minute.Discharge in gal. per min. of flowing well does not applyHow Tested Surfing Length of Test 1 hr.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) Cemented14 ft 7 8 5/8 in casing
with 3 sacks cement
at surface34
Driller's License NumberP. L. Ferguson
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.

38180

170875

STATE OF MONTANA.
MUSSELSHELL COUNTY. } ss.

FILED THIS 11 DAY OF

June A. D. 19 64
AT 8:55 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

DEPUTY

\$2.00

File No.

DUPLICATE

T. 9N R. 27E

County Musselshell

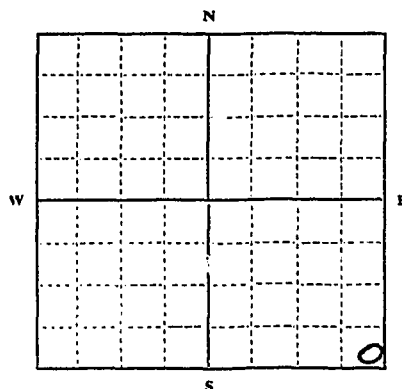
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Paul Hoffena, of Delphia,
(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:



SE 1/4 Sec 24 T. 9N R. 27E

Indicate point of appropriation
and place of use, if possible. Each
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. to instead well drilled before 1930
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gal
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Unknown
8. The depth of water table 80 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 52 in casing 140 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
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 information

Signature of Owner

Date Dec 26 - 63

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

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

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

20619

169775

STATE OF MONTANA,
MISSOULA COUNTY.
FILED THIS 31 DAY OF
December A. D. 1963
5:16 O'CLOCK P.M.
B. H. M. M. M.
COUNTY RECORDER
Frances L. Dawson
20

File No.

T. 9 N. R. 27 E

DUPLICATE

County Musselshell

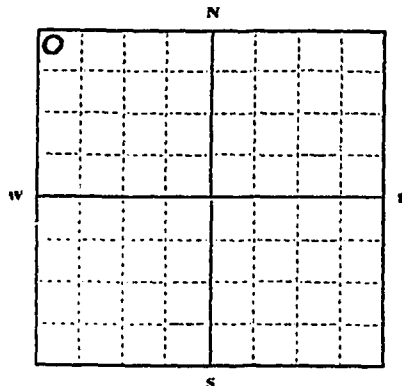
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul Hoffema, of Delphia, 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:



NW 1/4 Sec. 26 T. 9 N. R. 27 E

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

2. The beneficial use on which the claim is based.
drinking water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 6th school well drilled
Apr 1930.
But business Dec. 1st, 1963.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 gal
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
Paul Hoffema
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.
Unknown
8. The depth of water table. 5.5 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.
5 1/2 in casing 100 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
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 information

Signature of Owner

Date Dec 26-63

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

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

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

20622

169778

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF

December A. D. 19 63

AT 5:22 O'CLOCK P.M.

IN THE

COUNTY RECORDER

Francis L. Dawson
2.00 DEPUTY

File No.

T 9 N R 27 E

DUPLICATE

County

Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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.....

Owner Paul Hoffner Address Delphia

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. Under ground

plastic pipe gravity flow
into stock tank from
improved spring

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

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

Continuous flow
Amount unknown

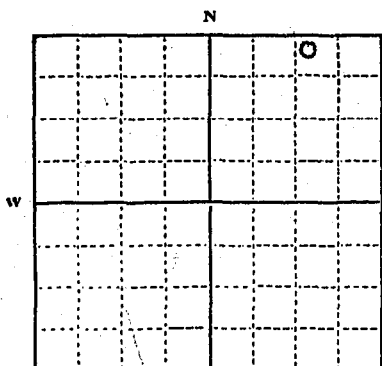
Signature of Owner Paul HoffnerDate Dec. 26-63

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.



N.E. 1/4 Sec. 28 T9N R27E

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

169777

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF

December A. D. 1963

AT 5:20 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson
300 DEPUTY

GW

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No.

T. 9N R. 27E

DUPLICATE

County Musselshell

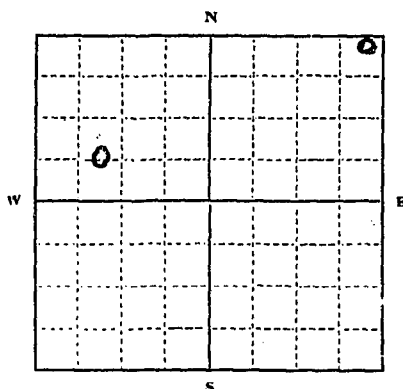
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul Goffena, of Delphia 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:



NE 1/4 Sec 27 T. 9N R. 27E

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. 1950
2 in. max per year for stock watering
4. The amount of groundwater claimed (in miner's inches or gallons minute). 3 gal
5. ed for irrigation, give the acreage and description of the lands 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. Pumps
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. 100 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 6 in casing 160 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
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 information

Signature of Owner

Paul GoffenaDate Dec 26 63

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

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

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

20615

169771

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF
December A. D. 19 63

AT 5:08 O'CLOCK P. M.
B. H. MATZKE

COUNTY RECORDER
James L. Dawson
2nd DEPUTY

Form No. 18
8-60

T. 9 R. 27
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

		*

Owner Farley Address
Driller Address
Date Started 7-26-61 Date Completed 8-2-61
Location: Sec. 7 T. 1 R. 27 $\frac{1}{4}$ sec. NE

RECEIVED

STATE ENGINEER

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

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

Casing: 2 ft. to 26 ft. Type Size

Casing: 26 ft. to 70 ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. 26 to ft. 70. Ft. to ft.

Type of screen or perforations

Static water level, for non-flowing well: 170 feet.

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

Pumping water level 150 feet at 7 gal. per min.

How tested:

Length of test

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

(over)

Form No. 18
8-60

T. 9 R. 27
County Muskegon

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

RECEIVED
SEP 1 1961

STATE ENGINEER

Owner James G. G. G. Address 1000 1st St. West
Driller W. G. G. Address 1000 1st St. West
Date Started 7-25-61 Date Completed 8-2-61
Location: Sec. 8 T. 7 R. 27 $\frac{1}{4}$ sec. N 40

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

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

Casing: 0 ft. to 26 ft. Type 20 Size 6 in.

Casing: 236 ft. to 270 ft. Type 20 Size 6 in.

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 236 to ft. 270. Ft. to ft.

Type of screen or perforations

Static water level, for non-flowing well: 170 feet.

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

Pumping water level 250 feet at 7 gal. per min.

How tested:

Length of test 1 1/2

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

(over)

78

P

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	3	Drum 10
3	25	Drum 10
25	31	Drum 10
31	35	Drum 10
35	45	Drum 10
45	55	Drum 10
55	65	Drum 10
65	75	Drum 10
75	85	Drum 10
85	95	Drum 10
95	105	Drum 10
105	115	Drum 10
115	125	Drum 10
125	135	Drum 10
135	145	Drum 10
145	155	Drum 10
155	165	Drum 10
165	175	Drum 10
175	185	Drum 10
185	195	Drum 10
195	205	Drum 10
205	215	Drum 10
215	225	Drum 10
225	235	Drum 10
235	245	Drum 10
245	255	Drum 10
255	265	Drum 10
265	275	Drum 10
275	285	Drum 10
285	295	Drum 10
295	305	Drum 10
305	315	Drum 10
315	325	Drum 10
325	335	Drum 10
335	345	Drum 10
345	355	Drum 10
355	365	Drum 10
365	375	Drum 10
375	385	Drum 10
385	395	Drum 10
395	405	Drum 10
405	415	Drum 10
415	425	Drum 10
425	435	Drum 10
435	445	Drum 10
445	455	Drum 10
455	465	Drum 10
465	475	Drum 10
475	485	Drum 10
485	495	Drum 10
495	505	Drum 10
505	515	Drum 10
515	525	Drum 10
525	535	Drum 10
535	545	Drum 10
545	555	Drum 10
555	565	Drum 10
565	575	Drum 10
575	585	Drum 10
585	595	Drum 10
595	605	Drum 10
605	615	Drum 10
615	625	Drum 10
625	635	Drum 10
635	645	Drum 10
645	655	Drum 10
655	665	Drum 10
665	675	Drum 10
675	685	Drum 10
685	695	Drum 10
695	705	Drum 10
705	715	Drum 10
715	725	Drum 10
725	735	Drum 10
735	745	Drum 10
745	755	Drum 10
755	765	Drum 10
765	775	Drum 10
775	785	Drum 10
785	795	Drum 10
795	805	Drum 10
805	815	Drum 10
815	825	Drum 10
825	835	Drum 10
835	845	Drum 10
845	855	Drum 10
855	865	Drum 10
865	875	Drum 10
875	885	Drum 10
885	895	Drum 10
895	905	Drum 10
905	915	Drum 10
915	925	Drum 10
925	935	Drum 10
935	945	Drum 10
945	955	Drum 10
955	965	Drum 10
965	975	Drum 10
975	985	Drum 10
985	995	Drum 10
995	1005	Drum 10

161910

STATE OF MONTANA, ss.

MUSSELSHELL COUNTY.

FILED THIS 21st DAY OF

Aug 21 1910

A. D. 1910

M.

AT 2:42 O'CLOCK

P. M.

J. H. MATTHEW

COUNTY CLERK

DEPUTY

File No.

T. 9N R. 27E

DUPLICATE

County Musselshell

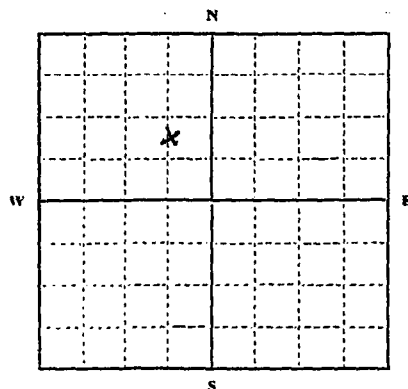
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. James Holaday, of Roundup
(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:



1/4 Sec. 30 T. 9N R. 27E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been aug 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 gal per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater aug 1961

8. The depth of water table 50 ft from top

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

270 feet deep 6 inch casing Drilled well

10. The estimated amount of groundwater withdrawn each year 50,000 gals

11. The log of formations encountered in the drilling of each well if available Brown Rock yellow sand rock shale and sandstone

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

Count down logged in Musselshell county

Signature of Owner

James Holaday
Date Dec 9/1963

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.

17806

169557

STATE OF MONTANA,
MUSSELSHELL COUNTY, ^{1st}

FILED THIS 30 DAY OF
Dec A. D. 1963

AT 2:12 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson
92.12 DEPUTY

File No.

T. 9 N. 27 E.

DUPLICATE

County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

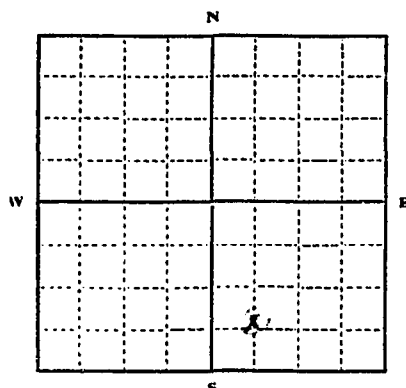
RECEIVED
DEC 21
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Sudan Ranch

1. of Box 343 Roundup
(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 32 Sec. 9 T. 27 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. 1915 Used continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute). All that it will produce
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. Windmill & 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. 55 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. None
10. The estimated amount of groundwater withdrawn each year. Unknown
11. The log of formations encountered in the drilling of each well if available. Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Unknown

Sudan Ranch

Signature of Owner. Delmar BellDate. 12/23/63

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

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

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

13592

169378

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 26 DAY OF

Dec A. D. 1963

AT 1:00 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson
DEPUTY

2.

File No. 3

FEB 11 1965

Sec 35 T. 9N R. 2E 35

DUPLICATE

Title _____ M. McConnell

County Missoula

LOG

Subsiding _____ M. McConnell

Yield _____ M. McConnell

Quantity _____ M. McConnell

Depth _____ M. McConnell

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

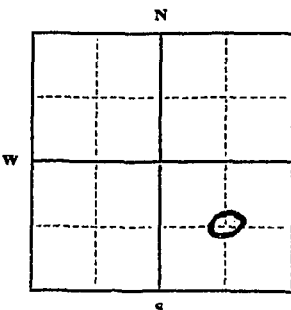
Owner Hoffner Ranch Address Roundup Mont.Driller Harry McConnell Address Roundup Mont.

Date of Notice of appropriation of groundwater _____

Date well started Feb 8, 1965 Date completed Feb 10, 1965Type of well Drilled Equipment used Churn Drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	8" 17#	0	25	1 1/2" Slots	14'	24'

Static Water Level for non-flowing well 6' feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 15' feet
at 50 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested ailer

Length of Test _____

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

1/4 Sec. 35 T. 9 R. 27
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 43Driller's Signature Harry McConnell

40845

173561

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 15 DAY OF
February A. D. 19 66
AT 4:27 O'CLOCK P. M.

CLAUDE F. FLETCHER
COUNTY RECORDER
Frances L. Dawson
DEPUTY

2.

Form No. 18
8-60

35

T. 9 R. 27
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

	X	

Owner Goffena Ranch & Livestock Co Address Roundup, Mont.
Driller Anderson Drilling Address Billings, Mont.
Date Started _____ Date Completed Nov. 1945
Location: Sec. 35 T. 9 R. 27 $\frac{1}{4}$ sec. SE $\frac{1}{4}$

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

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

Casing: 0 ft. to 45 ft. Type heavy Size 8-5/8

Casing: 0 ft. to 315 ft. Type galv. Size 6"

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

Perforated or Screened: Ft. 250 to ft. 315. Ft. _____ to ft. _____

Type of screen or perforations slot

Static Water level, for non-flowing well: 14 feet.

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

Pumping water level 20' feet at 7 gal. per min. _____

How tested: jet pump

Length of test _____

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

45' shut off

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	6	dirt
6	15	gravel
15	21	sand
21	25	sand rock
26	30	blue shale
30	35	sandy light shale
35	50	gray to blue shale
50	66	brown shale
66	67	hard sandy shale
67	115	mostly blue shale
115	123	gray shale
123	135	blue shale
135	137	gray sand
137	150	blue shale
150	152	tight gray sand
152	190	mostly shale
190	198	light sandy shale
199	250	shale
250	256	coal
256	315	blue and brown shale

STATE OF MONTANA
 MISSOULA COUNTY
 FILED 1918
 OCTOBER 11
 A. D. 1918
 DEPT. OF MINES
 B. H. MATTHEW
 COUNTY RECORDER

五、

3
File No.
DUPLICATE

SECTION 107

RECEIVED
JUN 23 1964

Approved Stock Form—State Publishing Co., Helena, Montana—41337

T 9 N R 27 E

County *Missoula*

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.....

Owner *Paul Hoffner* Address *Delphia*

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. *Natural Spring*

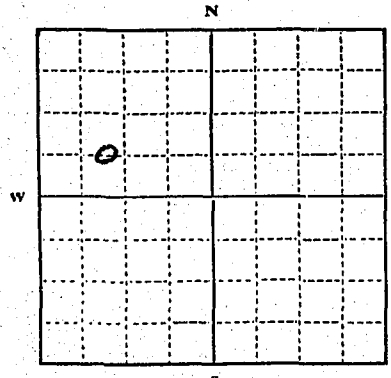
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

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

Continuous flow
Amount unknown

Signature of Owner *Paul Hoffner*

Date *Dec 26 63*



1/4 Sec. T. R.
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.

20618

169774

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }
FILED THIS 31 DAY OF
December A. D. 19 63
AT 5:14 O'CLOCK P.M.
W. H. MATZKE
COUNTY RECORDER
Gracie L. Lawson
DEPUTY

GV.

File No.

DUPLICATE

RECEIVED
JUN 23 1964

T. 9 N. R. 27 E. N10

County Missoula

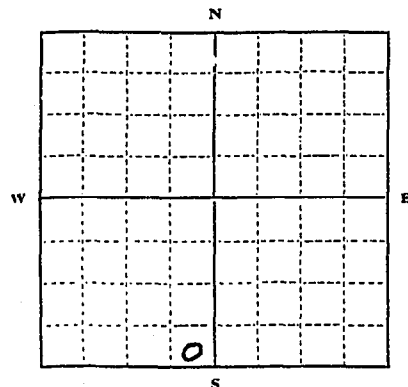
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul Hoffmann & Sons, of Delphia Roundup
(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. T. 9 N. R. 27 E.

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

2. The beneficial use on which the claim is based.....
lumber stock material

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1957
personal use

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

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.....
1957

8. The depth of water table.....
fluctuates slightly 10 feet from top of well

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.....
vin casing about 300ft.

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

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 information

Signature of Owner.....
Paul Hoffmann

Date.....
Dec 26, 63

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

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

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

20616

169772

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF

December A. D. 1963
AT 5:10 O'CLOCK P.M.

E. H. MATZKE

COUNTY RECORDER

Frances L. Dawson
2 DEPUTY