

Gumbo
 Yellow clay & fine sand
 Clay
 Sand
 Clay & coal streaks
 Coal
 Sandy clay
 Sand
 Clay
 Coal
 Clay & coal streaks
 Medium hard rock
 Clay & coal
 Sand
 Clay & coal streaks
 Coal
 Clay & coal streaks
 Clay
 Clay & coal

Description

LOG OF FORMATIONS

Depth - Ft.

0-5
 5-15
 15-65
 65-118
 118-120
 120-124
 124-128
 128-146
 146-150
 150-166
 166-168
 168-200
 200-205
 205-227
 227-243
 243-248
 248-252

280702

STATE OF MONTANA
County of Dawson

Filed for record this 25th day of

Sept A. D. 1962, at
11:00 o'clock A.M.

Landon W. Russell
County Clerk and Recorder.

By Alice Austing Deputy.

Fee pd. 2⁰⁰

By Alvin L. Smith Deputy
 County Clerk and Recorder.
 Filed for record this 25th day of Sept. A. D. 1962, at 11:00 o'clock A.M.
 STATE OF MONTANA
 County of Dawson

280702

LOG OF FORMATIONS

Depth - Ft.

0-5
 5-15
 15-65
 62-65
 65-118
 118-120
 120-124
 124-128
 128-146
 146-150
 150-166
 166-168
 168-200
 200-205
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 243-248
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Description

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 Clay
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GW 3

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

File No.

T. 16 R. 54

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner William Kittler Address Circle Rd. GlendineContractor (if any) noneAddress of Contractor none

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.

Section 18 installed new curb
Section 7 natural flow from
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

100 cfd Can TimeSignature of Owner William KittlerDate DEC 26 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.

14242

DEC 31 1963

286510

STATE OF MONTANA
County of Dawson

Filed for record this 76th day of
December A. D. 1963, at
1:00 clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

Wm P. 2 cc

File No.

T. 16 R. 54-55

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

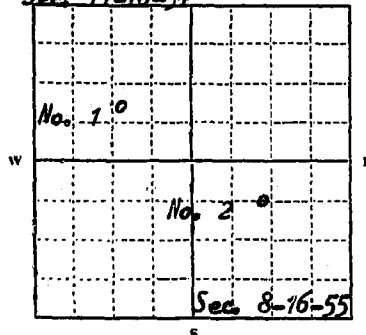
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ralph Newton & Sons, of Glendive, Montana
(Name of Appropriator) (Address) (Town)

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

Sec. 11-16-54

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

Stock water3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955 Six to eight months of each year4. 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

No irrigation

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

Well No. 1 has windmillWell No. 2 has electric pump

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

Exact date not known summer of 19558. The depth of water table No. 1 one hundred seven feet No. 2 sixty two 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

Not available10. The estimated amount of groundwater withdrawn each year Well No. 1 540,000 gal. per yr.Well No. 2 864,000 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

Ralph Newton & Sons
by Ralph Newton Date DEC 30 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.

31824

NOT RECORDED

11-10-63 11:00 AM

11-10-63 1:00 PM

NOT RECORDED

11-10-63 1:00 PM

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11-10-63 1:00 PM

11-10-63 1:00 PM

286707

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of

December A. D. 1963, at
3:00 o'clock P.M.

Gordon H. Russell
County Clerk and Recorder.

By Inge Scheith Deputy

File No.

DUPLICATE

T. 16 R. 54

County Danahoe

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 14 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater when acquiredOwner John C. Horst Address Glendive 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. water comes to surfacefrom natural springs

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.....

each spring is capable of furnishing
water for one hundred head of or more
cattle per day the year around

Signature of Owner John C. HorstDate Dec 31-1963

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.

1/4 Sec. T. R.

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

Sec 14-13-23-24T16 R54E

EX-100-100
JAN 10 1967

100-100-100
JAN 10 1967

X	X
X	X

286963

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1965, at
4:30 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

STATE OF MONTANA, }
County of Dawson. }

Document No. 278024

I HEREBY CERTIFY That the foregoing instrument was filed for record this 29th
day of December A. D., 1961 at 4:30 o'clock P.M. and is duly

recorded in Book D-5 Page of Water Rights

Fee Paid \$4.00

Gordon W. Russell

Clerk and Recorder

Return To State Engineer

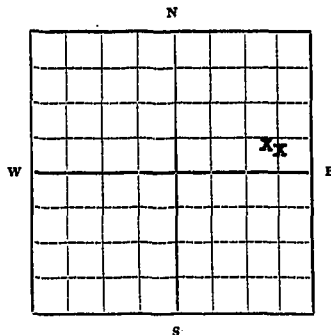
By Alice Austin

Deputy

Address Helena, Montana

1M 12-59 23030

appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 11, T. 16 R. 54
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1920 House
1952 Stock Continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
7 gallons per well 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
No

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1920 and 1952

8. The depth of water table
House 35 feet Stock 25 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
House 50 feet with 4 inch casing
Stock 120 feet of casing 35 feet perf.

10. The estimated amount of groundwater withdrawn each year
500,000 gals.

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

John C. Horst

Date December 29, 1961

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

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

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

File No.

DUPLICATE

T. 16 R. 54

County... Dawson

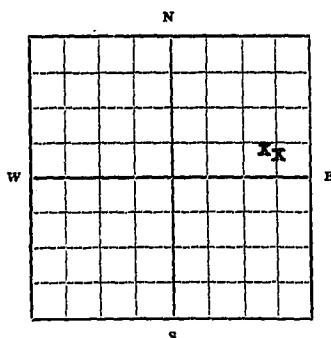
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
JAN 4 1962

STATE ENGINEER

1. John C. Horst of 210 W Towne Glendive
(Name of Appropriator) (Address) (Town)
County of Dawson 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. 14, T. 16 R. 54
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Household and Stock Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1920 House
1952 Stock Continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 gallons per well 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 No
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric Pumps on each well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1920 and 1952
8. The depth of water table House 35 feet Stock 25 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
House 50 feet with 4 inch casing
Stock 120 feet of casing 35 feet perf.
10. The estimated amount of groundwater withdrawn each year 500,000 gals.
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

John C. Horst
Date December 29, 1961

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

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

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

File No.

T. 16 R. 54

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

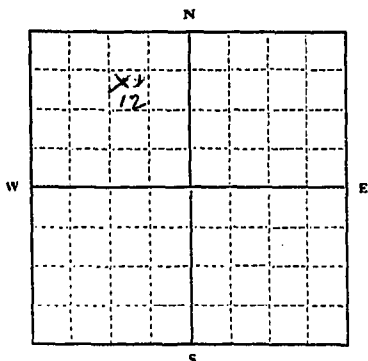
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. William Kittler of Circle Bte. Glendive
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 18 T. 16 R. 54

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

1st House & stock & poultry

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

1st 1961 continuous
2nd 1945 continuous

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

1 1/2 gal. per min.
2 1/2 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

no

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

Hand pump

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

1st 1961
2nd 1954

8. The depth of water table

1 2 ft 2" 6"

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

1 28 feet deep with casing
2 10 feet deep with casing
1st small pump

10. The estimated amount of groundwater withdrawn each year

120 000

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

Signature of Owner William Kittler

Date DEC 26 1963

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

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

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

14241

289509

STATE OF MONTANA
County of Dawson

Filed for record this 26th day of
December A. D. 1963, at
1:00 o'clock P. M.
Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

Harold Lee

SW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No.

DUPLICATE

T16 R 54

County DAWSON

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

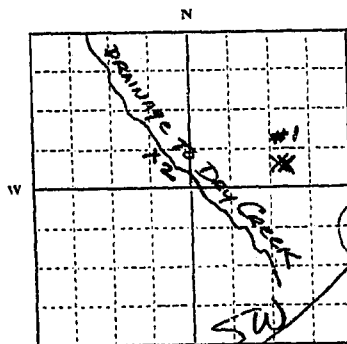
Date of Appropriation of Groundwater April 9, 1962
Owner H.F. KINNEY Address P.O. Box 1186 GLENDALE

Contractor (if any)

Address of Contractor

Date Started Feb. 1, 1962 Date Completed April 9, 1962

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



* Gravity pipe from spring box to Stock Tank

* 2. DRAINAGE TO DAY CREEK - NATURAL FLOW FOR STOCK USE + IRRIGATION

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

NE 1/4 Sec. 24 T. 16 R. 54

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

Continuous flow 2 gallons per minute

Signature of Owner

Horace F. Kinney

Date Dec. 30, 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.

32079

Dec 30 1963

NE

24 10 24

286974

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
4:30 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy

File No.

T 16 R 54

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

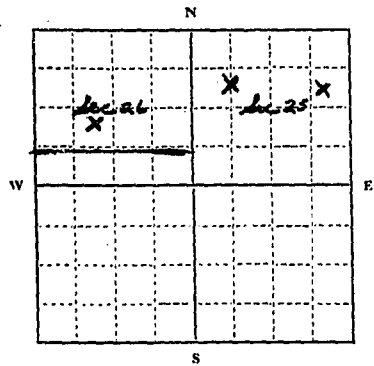
Date of Appropriation of Groundwater when acquiredOwner John C Horst Address Glendive Mont

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. water comes to surface from natural springs



..... 1/4 Sec..... T..... R.....

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

Sec 25 and
N² N¹/₂ S² Sec 26
T16 R54E

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.....

each spring is capable of furnishing
water for one hundred head or
more cattle per day the
year around

Signature of Owner John C HorstDate Dec 31-63

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.

111 1215
111 1215
111 1215

111 1215
111 1215

286965

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1967, at
4:30 o'clock P. M.

Gordon W Russell
County Clerk and Recorder.

By _____ Deputy.

Form No. 18
8-60

28

T. 16 R. 54
County DAWSON

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner A. Highland Address Glendive, Montana
Driller H. J. Gavin Address Lindsay, Montana
Date Started Oct. 19, 1960 Date Completed Oct. 20, 1960
Location: Sec. 28 T. 16 R. 54 $\frac{1}{4}$ sec. S. E.

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 30 ft. Type heavy steel Size 4" I.D.

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 slots cut in casing

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

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

Pumping water level 15 feet at 10 gal. per min. _____

How tested: slush bucket

Length of test one hour

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

(over)

Log of Well

[illegible]

County Dakota

RECEIVED
FEB 17 1981

STATE ENGINEER

A 4x4 grid with a small circle in the bottom-right cell.

Owner A. A. Haggard Address Verona, Montana
Driller H. J. Garin Address Cindery Montana
Date Started Oct. 19 - 1960 Date Completed Oct. 20 - 1960
Location: Sec. 28 T. 16 R. 54 $\frac{1}{4}$ sec. SE

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 30 ft. Type heavy steel Size 4" I.D.

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

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

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

11. Type of screen or perforations..... slots cut in casing

Static Water level, for non-flowing well: 17 feet.

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

Pumping water level.....15.....feet at10.....gal. per min.....

How tested: slush bucket

Length of test..... one hour

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

(over)

Log of Well

[illegible]

File No.

T. 16N. R. 54E

DUPLICATE

County Dawson

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)

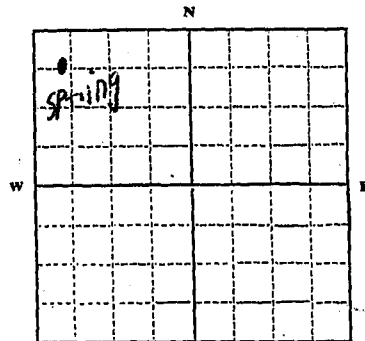
Date of Appropriation of Groundwater 1910Owner Clifford M. Pederson Address C.R. Rt. Glendive

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 flow from spring



NW 1/4 NW 1/4 Sec. 31 T. 16N. R. 54E

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

Estimate approximate lengths of periods of use 5 gallonsper minute in the spring of each year

Signature of Owner

Clifford M. PedersonDate December 13, 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 Quaduplicate for the Appropriator.

14225

286474

STATE OF MONTANA
County of Dawson

Filed for record this 23 day of
December A. D. 19 63, at
3:30 o'clock P. M.

Gordon H. Russell
County Clerk and Recorder.

By E. M. Warren Deputy.

N. 3

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No.

T. 16N R. 54E

DUPLICATE

County Dawson

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)

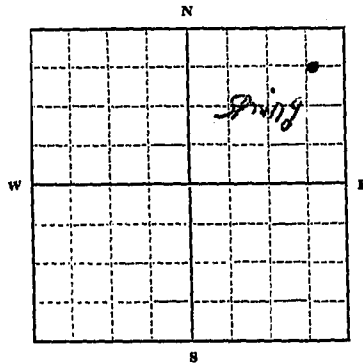
Date of Appropriation of Groundwater... 1910

Owner Clifford M. Pederson Address C.B. Rt. Glendive

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 flow of spring water

NE 1/4 NE 1/4 Sec. 32 T. 16N R. 54E

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. 20 gallonsper minute used from spring to winter

Signature of Owner

Date... December 18, 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.

14223

286472

STATE OF MONTANA
County of Dawson

Filed for record this 28 day of
December A. D. 19 63, at
3:30 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By E. M. Warren Deputy.

File No.

T. 16N R. 54E

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

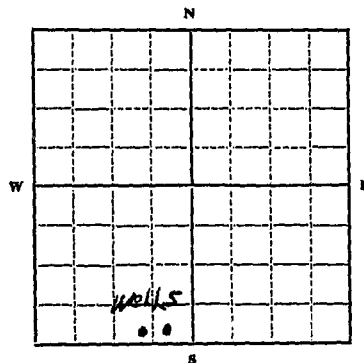
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Clifford M. Pederson, of C. B. Rt. Glandive
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SW 1/4 Sec. 32, T16N R. 54E

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 watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1955 and continuous
1910 and continuous

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... 3 inch pipe on electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1955, 1910

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... depth of well 60 ft. with 3 in. pipe

10. The estimated amount of groundwater withdrawn each year... 1,752,000 gal.

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

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

Signature of Owner

Date December 18, 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.

14226

1. The first of the above mentioned parcels of land is situated in the NE 1/4 of Sec. 10, T. 14 N., R. 10 E., N. 14 W., and contains 40 acres of land.

2. The second of the above mentioned parcels of land is situated in the SE 1/4 of Sec. 10, T. 14 N., R. 10 E., N. 14 W., and contains 40 acres of land.

3. The third of the above mentioned parcels of land is situated in the SW 1/4 of Sec. 10, T. 14 N., R. 10 E., N. 14 W., and contains 40 acres of land.

4. The fourth of the above mentioned parcels of land is situated in the NW 1/4 of Sec. 10, T. 14 N., R. 10 E., N. 14 W., and contains 40 acres of land.

5. The fifth of the above mentioned parcels of land is situated in the NE 1/4 of Sec. 11, T. 14 N., R. 10 E., N. 14 W., and contains 40 acres of land.

6. The sixth of the above mentioned parcels of land is situated in the SE 1/4 of Sec. 11, T. 14 N., R. 10 E., N. 14 W., and contains 40 acres of land.

7. The seventh of the above mentioned parcels of land is situated in the SW 1/4 of Sec. 11, T. 14 N., R. 10 E., N. 14 W., and contains 40 acres of land.

8. The eighth of the above mentioned parcels of land is situated in the NW 1/4 of Sec. 11, T. 14 N., R. 10 E., N. 14 W., and contains 40 acres of land.

286475

STATE OF MONTANA
County of Dawson

Filed for record this 28 day of
December A. D. 1963, at
3:30 o'clock P. M.

London H. Russell
County Clerk and Recorder.

By E. M. Warner Deputy.

File No.

T. 16N R. 54E

DUPLICATE

County Dawson

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)

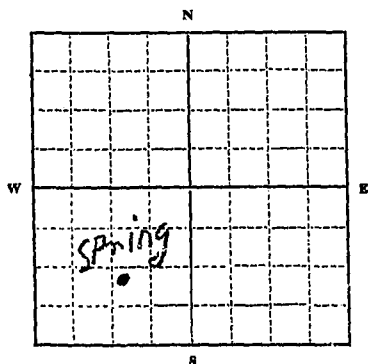
Date of Appropriation of Groundwater 1910Owner Clifford M. Pederson Address C.B.Rt. Glendive

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 flow of spring



SE 1/4 Sec. 33 T. 16N R. 54E

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 20 gallonsper minute from spring to winter

Signature of Owner

Clifford M. PedersonDate December 19, 1963

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

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

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

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

286470

STATE OF MONTANA
County of Dawson

Filed for record this 22 day of
December A. D. 19 43, at
3:30 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By E. F. Warren Deputy.

File No.

T. 16N R. 54E

DUPLICATE

County Dawson

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 1910Owner Clifford M. Pederson Address C.R.Rt. Glendive

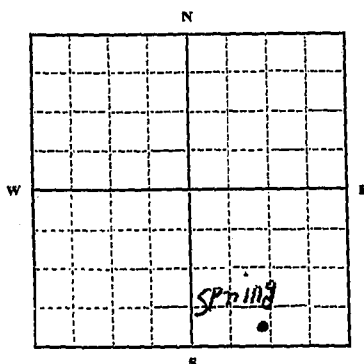
Contractor (if any)

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 flow from 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 5 gallonsper minute used from spring to winterSW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34. T16N R. 54EIndicate point of appropriation
and place of use, if possible.

Signature of Owner

Clifford M. Pederson
Date December 18, 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.

14224

286473

STATE OF MONTANA
County of Dawson

Filed for record this 23 day of
December A. D. 1963, at
3:30 o'clock P. M.

Gordon H. Russell
County Clerk and Recorder.

By E. M. Warren Deputy.

County DawsonTwp. 16 NRge. 55 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Dimond, Ray	Hw 2	310744	
1	Oliver, John D. & Elizabeth	Hw 2		
1	Ungert, Mike	Hw 2	282896	
2	Rahs, James	Hw 2	297251	
2	Rahs, James	Hw 4	286834	
3	Chambers, Mary E.	Hw 4	286371	
6	Newton, Ralph A.	Hw 4	286702	
8	Newton, Ralph & Sons	Hw 3	286703	
9	Rahs, John	Hw 3	286597	
9	Rahs, John	Hw 4	286598	
9	Rahs, John	Hw 4	296770	
10	Rahs, Ben	Hw 4	286540	
11	Deekert, Steve S.	Hw 2	317222	
12	Jamison, Wilbur C.	Hw 4	286970	
12	Donuts, Edward J.	Hw 2	306841	
12	Donuts, Edward J.	Hw 2	306854	
12	Wilde, Cal	Hw 3	286835	
12	Wilde, Oliver & Healee	57 Well Log		
13	Olson, D. & Line Co.	Hw 2	287002	
14	Holm, Thomas W.	Hw 2	316722	
16	Crisafulli, Joe, Frank & Angelo	Hw 3	285849	
17	Miller, Jack	Hw 2	286869	
17	Hast, John C.	Hw 3	286964	
18	Hast, John C.	Hw 3	286964	See Sec. 17 Above
19	Dawson County Municipal Airport	Hw 2	304979	
20	Hast, John C.	Hw 3	286964	See Sec. 17 Above
21	Hast, John C.	Hw 3	286964	See Sec. 17 Above
21	Hast, John C.	Hw 4	278025	
22	Cottonwood Country Club	Hw 4	278760	
22	Cottonwood Country Club	57 Well Log		
22	Crisafulli Bros.	Hw 2	307277	
22	Crisafulli Bros.	Hw 2	307278	
22	Crisafulli, Joe & Mary & Sons	Hw 4	285843	
22	Crisafulli, Joe, Mary & Frank	Hw 3	285842	
22	Hastetter, Ed	57 Well Log		
22	Hastetter, Ed	57 Well Log		
22	Olmstead, Ruth	Hw 3	284740	
22	Olmstead, Ruth	Hw 4	284741	
22	Wymann, Ellis B.	Hw 2	305885	
23	American Oil Co.	Hw 2	302719	
23	Dawson Co.	Hw 2	310641	
24	Haag, Kenneth	Hw 2	307054	
25	Aly, Eugene S.	Hw 4	294716	
25	Miller, Harold	Hw 2	313852	
25	Northern Pacific Beneficial Assoc. Hosp.	Hw 4	283326	
25	Dawe, C. M.	Hw 4	286937	

County GlennTwp. 16 NRge. 55 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
26	Glendale Plaza, Inc.	Hw 14	286948	
26	Glendale Plaza, Inc.	Hw 12	285083	
26	Johnston Construction	57 Well Log		
26	Newell	57 Well Log		
26	Tweet, M.D.	Hw 12	283640	
27	Bell, Harry Jr.	Hw 14	285102	
27	Carney, Richard P.	Hw 14	286228	
27	Carpenter, Fred	Hw 14	286223	
27	Coons, Larry	Hw 12	312640	
27	Criss Jullie Joe & Sons	Hw 13	285844	
27	Criss Jullie Joe & Sons	Hw 14	285845	
27	Cummings, Harold O.	Hw 14	286244	
27	Cookson, Henry & Knapp, John	57 Well Log		
	Haggerty, Bob			
27	East Yellowstone, Rick & Son	Hw 12	312891	
27	Hart, John	Hw 12	316548	
27	Holland, Tom	Hw 12	312729	
27	Merrill, Lutheran Church	57 Well Log		
27	Mischak			
27	M. Schol, Mrs. Joe L.	Hw 14	286317	
27	Newell, Henry D. or Son	Hw 14	284040	
27	Owens, John	57 Well Log		
27	Paulson, Hilbert	57 Well Log		
27	Paulson, Hilbert	57 Well Log		
27	Paulson, Hilbert	57 Well Log		
27	Peterson, Franklin	57 Well Log		
27	Peterson, Franklin	57 Well Log		
27	Pulse, Donald L.	Hw 14	286296	
27	Raker, George Inc.	Hw 12	288318	
27	Reinhardt, Walter G. & Margaret	Hw 14	284071	
27	School District # 1	57 Well Log		
27	Shell Oil Company	Hw 14	288344	
27	Shell Oil Company	57 Well Log		
27	Sullivan, Gene	Hw 12	316423	
27	Thompson, Thomas H.	Hw 14	286180	
27	Witzfeld, Lawrence	Hw 12		
28	Albert, Clarence	Hw 14	280867	
28	Brembling, Mike J.	Hw 12	297830	
28	Boud, Pat	Hw 12	280802	
28	Carpenter, Ed	Hw 12	297429	
28	Guell, M. N. Farms Inc.	Hw 14	286503	
28	Guell, Robert	Hw 12	317819	T16N - R 56E
28	Hartley, Robert P.	57 Well Log		
28	Schlicht, Bartley	Hw 14	286791	
28	Schmidt, Willis Lester	Hw 14	287013	
28	Stass, C. H.	Hw 12	302493	

County LincolnTwp. 28 NRge. 33 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
28	Vogels, Eugene	Hw4	286816	
28	Bischoff, D. R. J.	Hw2	280856	
32	Baer, John F.	57 well log		
32	Beggs, Jerome	Hw4	280465	
32	Burb, Johann	Hw4	285705	
32	Heiger, Augusta D.	Hw3	286947	Tr Brenner
32	Heddy, Lloyd H. & Mary E.	Hw4	286755	
32	Kaufman, Peter	Hw4	287040	
32	Nentwig, Joe	57 well log		
32	Ostmann, August F.	Hw4	284065	
32	Owen, Clarence R. & Mrs. L.	Hw4	286787	
32	Saale, Donald H.	Hw4	287057	
32	Ottas, John	Hw2	296136	
33	Bag, Carl J. & Mary D.	Hw4	286243	
33	Conex Pipeline Co.	Hw2	288356	
33	Dawson Co.	Hw2	288629	
33	Dawson Co. DDD #24	Hw4	286041	
33	Heinrich, C. E.	Hw2	283469	
33	Industrial Engine Service	Hw2	292422	
33	Knall & Sons, Donald & David	Hw4	286374	
33	Kutzler, Harold L.	Hw4	286816	
33	Michels, George & Mrs. M.	Hw4	285485	
33	Rogers, H. J.	Hw2	295014	
33	Simpson, Lyle M.	Hw4	286877	
33	Pust, Leonard R.	Hw4	286788	
33	Wheeler, J. W.	Hw2	317324	
34	Biddle, J. F.	Hw2	319497	
34	Bidwell, James	Hw1		
34	Brown, Gregory E.	Hw2	310445	
34	Carpenter, Fred	Hw4	286224	
34	Cuning, Floyd T. & Dorothy	Hw4	286163	
34	Fry, Chas. (Public & Private)	Hw4	286432	
34	Hest, Roland	57 well log		
34	Jacobsen, Roger D.	Hw4	286508	
34	Jacobson, Calvin	Hw2	310417	
34	Klein, Mrs. J. & Chas.	Hw4	286517	
34	Knapp, John J.	Hw1		
34	Lath, Albert	Hw4	285551	
34	Mitchell, Thomas H.	Hw4	285813	
34	Mostendow, Mrs. Bigotte	57 well log		
34	Nentwig, Chester	57 well log		
34	Nelson, Conway B.	Hw2	280529	
34	Pierce, Margaret B.	Hw4	286173	
34	Robins, R. J.	Hw4	286526	
34	Sennet, Henry P.	Hw4	283429	
34	Sulack, Lloyd	Hw4	286436	

Tr - Transfer Form 608

County

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
34	Wood, William	HW 4	286547	-
35	Crisafulli, Joe + Sons	HW 3	285846	-
35	Glendive, City of	HW 4	286326	-
35	Glendive, City of	HW 4	286327	-
35	Hilger Chevrolet Co.	HW 4	278291	-
35	Montana Highway Co.	57 Well Log	-	-
35	Montana Highway Co.	57 Well Log	-	-
35	Montana Highway Co.	HW 4	286185	-
35	Stankler, Henry	57 Well Log	-	-
35	Wiedman, Jim	HW 2	293289	-
NO SEC NO #				
-	Jagendon, Oliver C.	HW 2	285113	-
-	Kinbeply, Richard	57 Well Log	-	-
-	Montana-Dakota Utilities Co.	HW 4	279031	-
-	Montana-Dakota Utilities	HW 4	278833	-
78	Entyck, Eugene	GW 2	357705	T 14N - R 55E
14	Roberts, Orville	GW 2	322706	-
34	Millin, Jack	GW 2	286869	-
27	Batch, Helen	GW 4	286915	-
27	Kent Willard	GW 2	287180	-
27	Mastelton, Oscar	GW 2	296665	-
27	Michael, Richard	GW 2	312783	-
30	Kimney, H. F.	GW 3	286973	-
30	Kimney, H. F.	GW 3	282911	-
27	Check, Al	GW 2	316661	-
33	Dawson Co. Imp	GW 2	301393	-
14	Oliar, John	GW 4	287000	-
8	Newton, Ralph + Sons	GW 4	286707	-
67	Newton, Ralph + Sons	GW 3	286704	-
33	Leach, Mrs Catherine B	GW 3	287200	-

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Ron Jimison

Address _____

Date well started 7-28-70

completed 7-30-70

Type of well drilled

Equipment used Cable tool

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

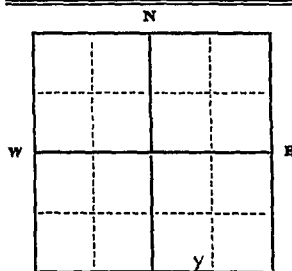
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe _____

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
4"	4"	0	45'	Kind Size	From (Feet)	To (Feet)
	11# ft					



St. 1/4 S.E. 1/4 Sec. 1
T. 16 N. R. 55 E.
S W

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

Driller's Signature

Driller's Address

Static water level 18' ft.*
Pumping water level 30' ft.*
at 10 gallons per minute,
measured _____ minutes after pumping began.

*Measured from ground level.
Well developed by balling
for 1 hours.

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

LICENSE NO. 168

T16N-R55E
County Danbury

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	20	Sandy formation
20	25	Sandy
25	28	gravel
28	39	fine sand
39	46	water sand
46	50	br. sandstone

50 Show exact depth of bottom

47615

and the State of Montana for the purpose of recording the same.

Owner's Name	Address
Beneficiary's Name	Beneficiary's Address

How to pay?
Beneficiary's Name
Beneficiary's Address

Beneficiary's Name
Beneficiary's Address

Beneficiary's Name
Beneficiary's Address

Beneficiary's Name
Beneficiary's Address

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Beneficiary's Address

Beneficiary's Name
Beneficiary's Address

310744

310744

STATE OF MONTANA

County of Dawson

Filed for record this 14th day of

Sept. A. D. 19 70 at

10:45 o'clock A. M.

Dawson J. Russell

County Clerk & Recorder

By Patricia J. Russell Deputy

1. Name of person or firm
 2. Address
 3. City
 4. State
 5. Zip
 6. Telephone
 7. Date
 8. Signature
 9. Title

1. Name of person or firm
 2. Address
 3. City
 4. State
 5. Zip
 6. Telephone
 7. Date
 8. Signature
 9. Title

1. Name of person or firm
 2. Address
 3. City
 4. State
 5. Zip
 6. Telephone
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1. Name of person or firm
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 4. State
 5. Zip
 6. Telephone
 7. Date
 8. Signature
 9. Title

1. Name of person or firm
 2. Address
 3. City
 4. State
 5. Zip
 6. Telephone
 7. Date
 8. Signature
 9. Title

STATE OF MONTANA
 County of Dawson
 Filed for record this 14th day of Sept. A. D. 19 70 at
10:45 o'clock A. M.
Daniel M. Russell
 County Clerk & Recorder
 By Patricia J. Russell Deputy

File No. _____

MONTANA WATER RESOURCES BOARD

RECEIVED

DUPLICATE

LOG

JUL 24 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD**Notice of Completion of Groundwater
Appropriation by Means of Well**
DEVELOPED AFTER JANUARY 1, 1962

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

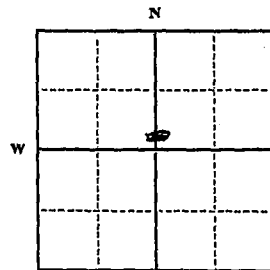
Owner John DeElizabeth & Riley Address Mont Hwy way DeptDriller C H Starr Address Box 1183 - El.

Date of Notice of appropriation of groundwater _____

Date well started 4-12-68 Date completed 4-19-68Type of well drilled Equipment used Cable tool
(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)
17" 6"	4" 11 #	0	172'	1 1/8"	153'	168'
4"	per ft		168	wide 8" long		



SE 1/4 NW 1/4
SW 1/4 Sec. 1 T. 16 R. 55
Indicate location of well and
place of use, if possible. Each
small square represents 40
acres.

Static Water Level for non-flowing well 168' feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 150' feet
at 5 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BailerLength of Test 2 hrsRemarks: (Gravel packing, cementing, pack-
ers, type of shutoff) _____

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state
number of acres and location or other data (i.e.: Lot, Block and Addi-
tion).Home site Proposed 3 acresElizabeth & Riley

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

C H Starr

Driller's Signature.

44,338

[illegible][illegible]

7-11-68
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7-11-68
7-11-68

STATE OF MONTANA
County of Dawson
Filed for record this 22nd day of July A D 19 68 at 3:45 o'clock P. M.
Carlton E. Russell
County Clerk & Recorder
By _____

NOVEMBER

RECOMMENDATIONS

© 2004 Blackwell Publishing Ltd *Journal of Internal Medicine* 255: 105–112

File No.

T. 16 R. 55

DUPLICATE

County DawsonSTATE OF MONTANA **DECEIVE**
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER MAR 18 1963

Top of Ground

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Mike Underm Address GlandineDriller Robert W. Haggerty Address Glandine

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

Date well started 4-11-62 Date Completed 4-18-62Type of well Drilled Equipment Used Churn Drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>4"</u>	<u>4" 94</u>	<u>0</u>	<u>50</u>	<u>Steel</u>		

Static Water Level for non-flowing Well 40 feet.

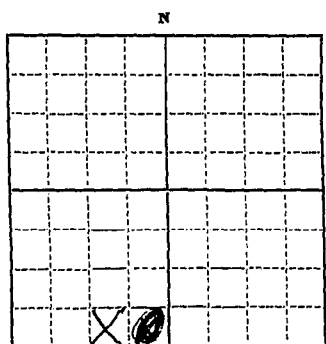
in Pressure for Flowing Well.....

Pumping Water Level 40 feet at 5 gal. per minute.

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

How Tested Bailed 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).....

S. 1/4 W. Sec. 1 T. 16 R. 55

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

Show exact depth of bottom.

65
Driller's License NumberRobert W. Haggerty
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.

3934

☐ Original
☒ Copy
☐ Duplicate
☐ Subsequent

The within and foregoing have reference to the same, to wit: a certain
 and have to do with the same, to wit: a certain and have to do with the same, to wit: a certain
 and have to do with the same, to wit: a certain and have to do with the same, to wit: a certain

of	and	for	to
1963	1963	1963	1963

282896

STATE OF MONTANA
County of Dawson

Filed for record this 15th day of
May A. D. 1963, at
10:45 o'clock A.M.

Lordon W. Russell
 County Clerk and Recorder.

By Chris Anthony Deputy.

Fee pd. \$ 2.00

File No. _____

T 16 R 55

DUPLICATE

STATE WATER CONSERVATION BOARD

County Lawson

OCT 20 1966

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

LOG

Bille _____

Butzerin _____

Coyle _____

Dahinton _____

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level)

sandy clay

16

gravel and clay mixture

21

27 yellow clay

600 30 coal

blue shale

60 -- water level

gray sand
(water bearing)

rock

sand

82

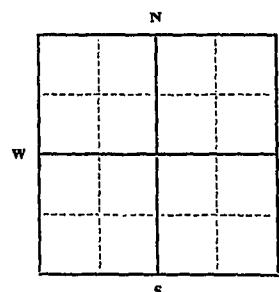
80 blue shale
bottom.Owner James Rahr Address Glendive, MontanaDriller Daniel G. Haggerty Address Lindsay, Montana

Date of Notice of appropriation of groundwater _____

Date well started 7/27/66 Date completed 7/29/66Type of well drilled Equipment used cable tool
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, 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)
7"	5" 15#	0	36	1/8" slots	71	36



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well not applicablePumping Water Level 70 feetat 10 gal. per minute.Discharge in gal. per min. of flowing well
not applicableHow Tested drilledLength of Test 2 hrs.

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

outside gravel packed

134 Sec. 2, T. 16 R. 55
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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.

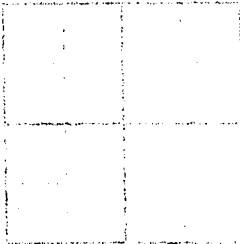
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature

41,532

Color
The color of the land is brown.
The color of the water is blue.



The land is located in the
County of Dawson, State of Montana.
The land is bounded by the
North, South, East, and West.

The land is located in the
County of Dawson, State of Montana.
The land is bounded by the
North, South, East, and West.
The land is located in the
County of Dawson, State of Montana.
The land is bounded by the
North, South, East, and West.

297251

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DAWSON
MONTANA

STATE OF MONTANA
County of Dawson
Filed for record this 19th day of
October A. D. 1966 at
Butte, Idaho
Patricia A. Russell
County Clerk & Recorder
Patricia A. Russell Deputy

For H. A. 2.00

File No. _____

T. 16 S. 55

DUPLICATE

County Dawson

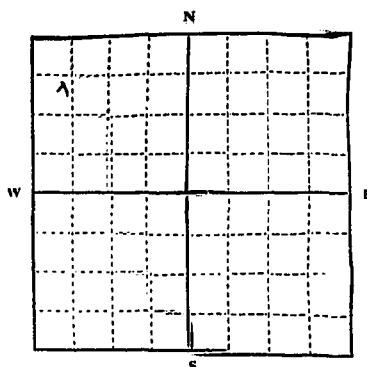
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. JAMES RAHR, of CHENDIKE
(Name of Appropriator) (Address) (Town)
County of DAWSON State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 2 T. 16 R. 55

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

2. The beneficial use on which such is house hold
and stock watering
3. Date or approx. 1950 the use has been continuous
4. The amount of groundwater 20 gals per minute miner's use
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump

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

8. The depth of water table 75 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled, 4", 80 ft

10. The estimated amount of groundwater withdrawn each year 250,000 gallons

11. The log of formations encountered in the drilling of each well if available clay, rock
and sand

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

Signature of Owner James RahrDate 12/30/63

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

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

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

31951

[Faint, mostly illegible text from the reverse side of the document, appearing as bleed-through.]

286834

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
8:05 o'clock A.M.

Gordon H. Russell
County Clerk and Recorder.

By Gayle Schmitz Deputy.

File No.

DUPLICATE

T. 16 R. 55

County DAWSON

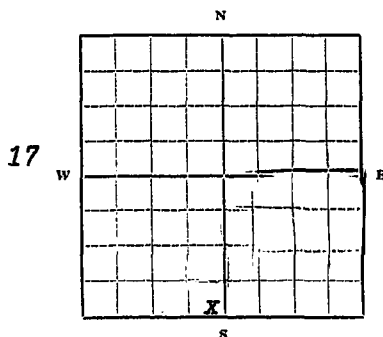
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 27, Montana Session Laws, 1961)

RECEIVED
DEC 29 1963
STATE ENGINEER

1. MARY E. CHAMBERS of 1312 No. MEADE GLENDIVE
(Name of Appropriator) (Address) (Town)

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



SE 1/4 SW 1/4 Sec. 3 T16 R55.

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 HOUSE AND LIVESTOCK.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been JULY 1959

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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 APPROX. 12 ACRES

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater JULY 1959

8. The depth of water table 10-12 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 14 FT. WITH A 3' DIA. STEEL SILVERT

10. The estimated amount of groundwater withdrawn each year NOT KNOWN

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

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

Signature of Owner Mary E. Chambers

Date DEC. 18, 1963

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

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

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

11274

286371

STATE OF MONTANA
County of Dawson

Filed for record this 19th day of
December A. D. 1963, at
11:00 o'clock A.M.

Dorcas H. Russell
County Clerk and Recorder.

By Faye Schittlin Deputy.

Fee Paid. \$2.00

File No. _____

T. 16 R. 55

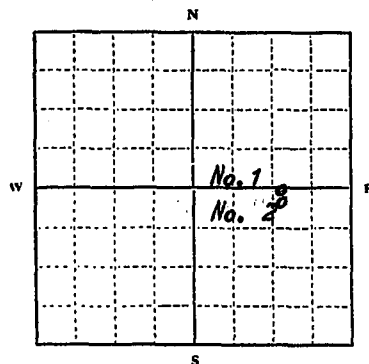
DUPPLICATE

County Dawson

STATE OF ~~Montana~~
ADMINISTRATOR OF ~~CHIEF~~ WATER CODE
OFFICE OF ~~STATE~~ ENGINEER

Declaration of Vested Groundwater Rights JAN 14 1964
(Under Chapter 237, Montana Session Laws, 1961)

1. Ralph A. Newton, of Bloomfield Rte. Glendive
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 Sec. 6 T. 16 R. 55

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

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. Well No. 1 drilled 1954
Well No. 2 drilled 1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1000 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
about one acre of lawn trees and garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Exact dates not available

8. The depth of water table No. 1 about 30 feet No. 2 250 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. No. 1 four inch casing 50 feet deep
No. 2 four inch casing 250 feet deep

10. The estimated amount of groundwater withdrawn each year. 2,000,000 gals. per yr.

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

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

Signature of Owner Ralph A. Newton

Date DEC 5 1963

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

Please attach all ~~originals~~ if not applicable, no state, otherwise the form will be returned.

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

31819

WITNESSES

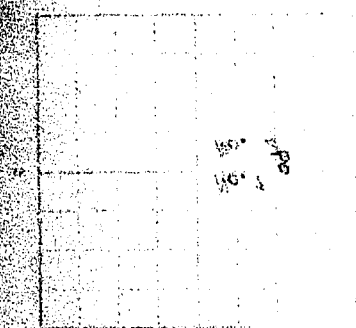
1. The first witness is _____
2. The second witness is _____

3. The third witness is _____
4. The fourth witness is _____
5. The fifth witness is _____

County Clerk and Recorder

6. The sixth witness is _____

7. The seventh witness is _____
8. The eighth witness is _____
9. The ninth witness is _____



10. The tenth witness is _____

11. The eleventh witness is _____

286702
STATE OF MONTANA
County of Dawson
Filed for record this 30th day of
December A. D. 1963, at
3:00 o'clock P.M.
Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

File No.

T. 16 R. 50

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 14 1964

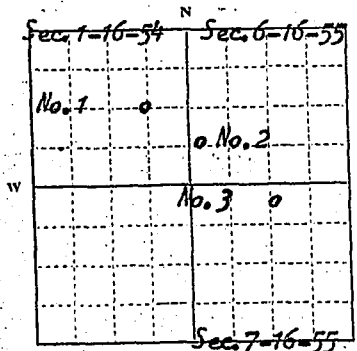
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 30, 1963Owner Ralph Newton & Sons Address Glendive, MontanaContractor (if any) Davis & Engle, and Milton HoodAddress of Contractor Glendive, Mont.Date Started 1958 Date Completed Same

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug channel with backhoe about 40 feet long and average depth of 3 feet. Put perforated orangeberg in channel with out let into stock tank



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. flow is continuous about 3 gallons per minute. Each spring Measured in gallon can

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

Signature of Owner Ralph Newton & SonsDate DEC 30 1963This form to be prepared by contractor (if any), otherwise by the owner. Prepared by 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.

Springs No 1 & 2 are developed very similar and flow about the same
Spring No. 3 has a shorter drainage channel, about 30 feet and flows a little less water.

286704
286704

File No.

T. 16 R. 55

DUPLICATE

County Deer

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 14 1964

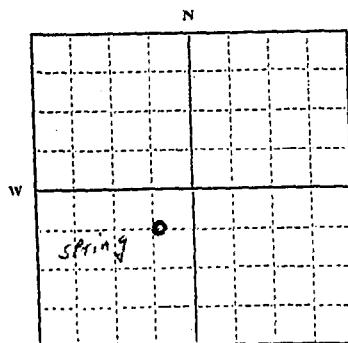
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner Ralph Newton & Sons Address Glendive, Mont.Contractor (if any) XXXXXXXXXXXX SelfAddress of Contractor Glendive, Mont.Date Started 1956 Date Completed 1956Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug channel with shovelabout three feet deep, layed perforated pipeIn channel, and out into tank. Channel about30 feet long

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 Spring flowsabout two gallons per minuteSW $\frac{1}{4}$ Sec. 8 T. 16 R. 55

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

Signature of Owner Ralph Newton & SonsBy Ralph NewtonDate 12-30-63

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

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

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

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

10-30-93
10-30-93
10-30-93

8 11 22

opons and different but same.

2000000000

3) just found
in chamber and one side of the chamber
opons three feet deep under horizontal tube
and chamber very small

10.2 10.2

10.2 10.2
10.2 10.2

10.2 10.2
10.2 10.2

286703

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of
December A. D. 1963 at
3:00 o'clock P. M.

John W. Russell
County Clerk and Recorder.

By _____ Deputy.

File No.

T. 16 R. 35

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ralph Newton & Sons, of Glendive, Montana
(Name of Appropriator) (Address) (Town)

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

Sec. 11-16-54^N

No. 1 ⁰		E
No. 2 ⁰		
Sec. 8-16-55		

1/4 Sec. 11-8 T. 16 R. 54-55

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. 1955 Six to eight months of each year

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

No irrigation

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

Well No. 1 has windmillWell No. 2 has electric pump

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

Exact date not known summer of 1955

8. The depth of water table. No. 1 one hundred seven feet. No. 2 sixty two 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. Not available

10. The estimated amount of groundwater withdrawn each year. Well No. 1 540,000 gal. per yr.

Well No. 2 864,000 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

Ralph Newton & Sons
by Ralph Newton Date DEC 30 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.

31824

286707

File No.

T. 16 R. 55

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

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

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 27, 1963

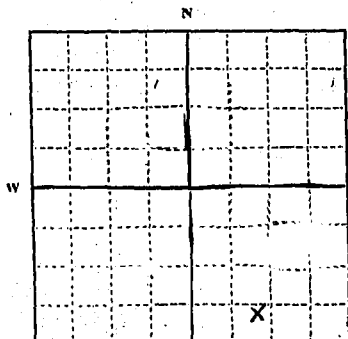
Owner John Rohr Address Glendive, Montana
Box 529

Contractor (if any) none

Address of Contractor

Date Started Nov. 1, 1963 Date Completed Nov. 15, 1963

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



1/4 Sec. 9 T. 16 R. 55

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. 2 gallon

per minute used continuous

Signature of Owner

John Rohr

Date December 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.

286597

STATE OF MONTANA
County of Dawson

Filed for record this 27th day of
December A. D. 1913 at
4:00 o'clock P. M.
Garson W. Russell
County Clerk and Recorder.

By _____ Deputy.

File No. _____

T. 16 R. 55

DUPLICATE

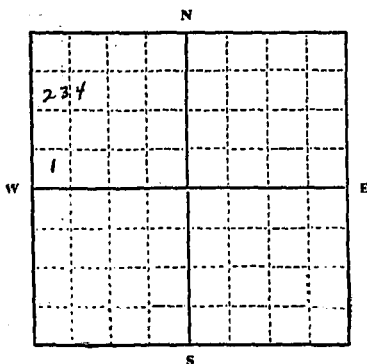
County. Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

Declaration of Vested Groundwater ~~Engineer~~ ENGINEER
(Under Chapter 237, Montana Session Laws, 1961)

I, John Rahr, of P.O. Box 529 Gardiner
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 9 T. 16 R. 55

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

2. The beneficial use on which the claim is based Well # 1 for residential & livestock use Well 2, 3 & 4 for Slaughter Plant & livestock purposes.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. Well #1 Nov. 1950, #2 July 1953, #3 Nov. 1957, #4 Aug. 1947, used continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well #1 9 gal. per minute, #2 4 gal. per min., #3 18 gal. per min., #4 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. Well #1 to sprinkle lawn well #2, 3, & 4 none

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. Well #1 Nov. 1950, #2, July 1953, #3 Nov. 1957 #4 Aug. 1947

8. The depth of water table. Well #1 60 feet, #2 40 feet, #3 80 feet #4 60 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. Well #1 4 inch casing, 130 ft. depth, #2 4 inch casing, 78 ft. depth, well #3 5 inch casing, 203 ft. depth well #4 4 inch casing 133 ft. depth.

10. The estimated amount of groundwater withdrawn each year. Well #1 400,000 gal. well #2 1,000,000 gal. well #3 7,000,000 gal. well #4 1,825,000 gal.

11. The log of formations encountered in the drilling of each well if available. none

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

Signature of Owner. John Rahr

Date. 12-27-63

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.

31736

286598

STATE OF MONTANA
County of Dawson

Filed for record this 27th day of
December A. D. 1963, at
4:00 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

File No.

AUG 19 1966

T 16N R 55 E. N.P.M.

DUPLICATE

Billie McDermott

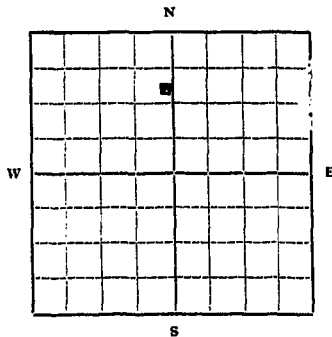
Burton STATE OF MONTANA

Coyne ADMINISTRATOR OF GROUNDWATER CODE

Derkert OFFICE OF STATE ENGINEER

County DAWSON**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. JOHN PAHR of GRENDICE, DAWSON COUNTY, MONTANA
(Name of Appropriator) (Address) (Town)County of DAWSON State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:..... 1/4 Sec. 9 T. 16N R. 55Indicate 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 IRRIGATING
TREES, SHRUBBERY, LAWNS, WATERING LIVESTOCK3. Date or approximate date of earliest beneficial use; and how continuous the use has been AUG. 5, 19664. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 MINER'S INCHES5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof APPROX. 60 ACRES6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater AUG. 5, 19668. The depth of water table 10-FT9. 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
APPROX. 6-FT WITH C-VERT IN WHICH TO SET PUMP AND PIPES10. The estimated amount of groundwater withdrawn each year UNKNOWN AT THIS TIME11. The log of formations encountered in the drilling of each well if available NOT AVAILABLE

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

Signature of Owner John PahrDate AUG. 5, 1966

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

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

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

41225 44325