

can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates less than 25 to 50 percent of the tested capacity of the aquifer.

210743

R-1482

WETZER WELL

ADDRESS HEREIN CLAIMANT

TO

THE PUBLIC

STATE OF MONTANA } ss
 County of Lake
 Filed on the 26 day of June
 A. D. 1973 at 2:50 o'clock P.M.
 ETHEL M. HARDING
 County Clerk and Recorder
 BY _____
 Deputy

STATE OF MONTANA
 COUNTY OF LAKE
 WETZER WELL
 ADDRESS HEREIN CLAIMANT
 TO
 THE PUBLIC

RECEIVED
MAY 20 1964

T. 21 N. R. 19 W. S. 8

File No. _____

DUPLICATE

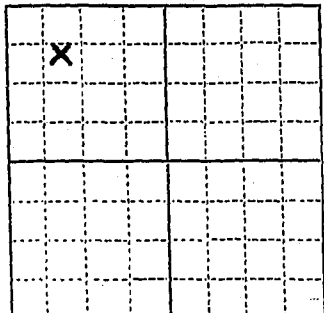
Location

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County Lake
RECEIVED
JAN 6 1964

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

1. Joseph & Emma Charvat of R.R. 1 Ronan
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



W 21 N. 1/4 Sec. 8 T. 21 R. 19

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 stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951 continuous since drilling
- 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 house, lawn and garden
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Cylinder pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started and completed in 1951. The well is 98 feet deep
- 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 _____
- 10. The estimated amount of groundwater withdrawn each year 1,000,000
- 11. The log of formations encountered in the drilling of each well if available clay and quick sand and gravel
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

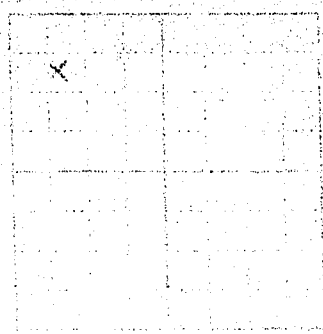
Signature of Owner Joseph Charvat
Emma Charvat
Date Dec 31 - 1963

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

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

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

R 708
163049
Water Report
Joseph + Emma Charvat
To
The Public



STATE OF MONTANA
County of Lake,
Filed on the 31 day of Dec
A. D. 1963 at 10:00 o'clock 9 M
HAZEL KINNICK
County Clerk and Recorder
By E. Clivman
Deputy

File No. _____

T. 21^N R. 19^W

DUPLICATE

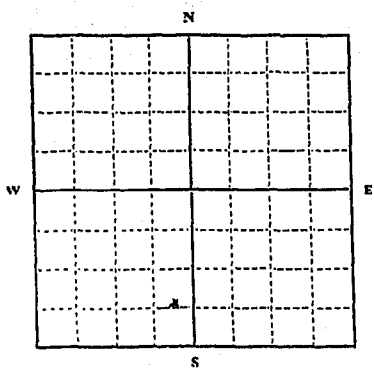
RECEIVED
JAN 6 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Seumas V. & Darlene A. Gallagher, et R#1 Roman
(Name of Appropriator) (Address) (Town)

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



S.E. 1/4 SW 1/4 Sec 8, T.21, R.19

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, livestock, irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947 - daily

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
1/2 acre, yard, garden, orchard
Seumas V. & Darlene A. Gallagher (an contract from Ester Cooper)

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 1947

8. The depth of water table 20 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, 6 inches wide, 89 ft deep - cased

10. The estimated amount of groundwater withdrawn each year 15000 gallons

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Not applicable

Darlene A. Gallagher
Signature of Owner Seumas V. Gallagher
Date Dec 31, 1963

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

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

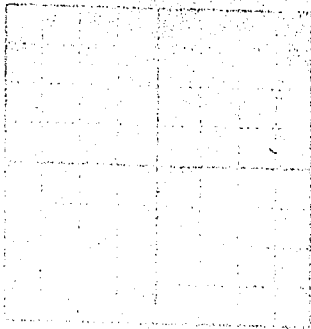
Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24339

R-839

163187

Thomas V. Gallagher



STATE OF MONTANA
 County of Lake, ss.
 Filed on the 21 day of Dec.
 A. D. 1963 at 5:12 o'clock P. M.
 HAZEL KINNICK
 County Clerk and Recorder
 W. Kraus
 20 Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42329

MONTANA WATER RESOURCES BOARD

RECEIVED

OCT 31 1968

File No. _____

T. 21 R. 19

DUPLICATE

County Lake

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level _____)

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0-19 Silty sand, clay,
and occasional boulders

11 Static water level

19-26 Silty sand and
water

26 Gravel

26-52 Clay and gravel Date well started Oct. 16, 1968 Date completed Oct. 22, 1968

52-53 Clay, gravel and water (1 gpm) Type of well Drilled Equipment used Churn drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

53-64 Clay, gravel and
boulders

64-65 Gravel, some
clay, fine sand,
and water

65 Bottom of hole

Owner Cecil Shelton Address Route 1, Box 83
Ronsau, Montana

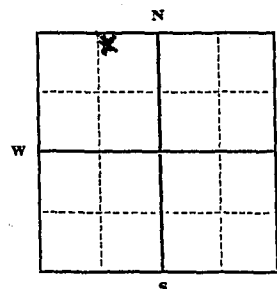
Driller G. K. G. Drilling Address Box 670, Missoula

Date of Notice of appropriation of groundwater _____

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) |
| 6" | 6" 17# 1 up | | 65' | | | |



Static Water Level for non-flowing well 11 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 42 feet
at 25 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer

Length of Test 5 hours

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

5 acre ju.
470 X 8634 NE 1/4 NW 1/4 Sec. 8 T. 21 R. 19

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.

185
Driller's License Number

Charles F. Wallenstein
Driller's Signature

44, 728

10-31-68
10-31-68
10-31-68

RECEIVED

900

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10-31-68

OFFICE OF STATE RECORDS
DEPARTMENT OF REVENUE
STATE OF MONTANA

Notice of Cancellation of Registration

Application by Name of Mrs. J. M. ...

Application by Name of Mrs. J. M. ...

Application by Name of Mrs. J. M. ...

Application by Name of Mrs. J. M. ...

Application by Name of Mrs. J. M. ...

Application by Name of Mrs. J. M. ...

Application by Name of Mrs. J. M. ...

Application by Name of Mrs. J. M. ...

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Application by Name of Mrs. J. M. ...

Application by Name of Mrs. J. M. ...

Application by Name of Mrs. J. M. ...

Application by Name of Mrs. J. M. ...

STATE OF MONTANA
County of Lake

Filed on the 30 day of Oct

A. D. 1968 at 9:30 o'clock P. M.

ETHEL M. HARDING
County Clerk and Recorder

By Janice Lawson
Deputy

R-1130
86549
Well Rep
Cecil Shelton
to
The Public

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|--|--|--|--|
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HARDING WE V M
12-25-68
C 211 A

81

T. 21 R. 19

County Lake

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 31 1961

WATER WELL LOG

STATE ENGINEER

| | | |
|--|--|--|
| | | |
| | | |
| | | |
| | | |
| | | |

Owner Gorden Thompson Address Pablo, Montana

Driller Glenn Camp, 705 Alder Address Missoula, Montana

Date Started Oct 20, 1960 Date Completed Oct 21, 1960

Location: Sec. 8 T. 21 R. 19 1/4 sec. SE 1/4 NW 1/4 SW 1/4 NE 1/4

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: 9" above ground level to 59' - ft. Type Seamless Size 6" I.D. 19 lbs to foot

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

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

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

Type of screen or perforations: _____

Static Water level, for non-flowing well: 15' feet.

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

Pumping water level = 15 = feet at 20 gal. per min.

How tested: Bailer no draw down

Length of test 1 hour

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

Put in exact location above and file all three copies with your County

Clerk and Recorder.

(over)

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209838
 11461
 LARRY HENDER
 TO
 THE PUBLIC
 WELL REPORT

STATE OF MONTANA
 County of Lake
 Filed on the 29 day of May
 A. D. 1973 at 3:35 o'clock P. M.
 ETHEL M. HARDING
 County Clerk and Recorder
 By Margaret Bruggeman
 Deputy
 2.00

State of Montana
 County of Lake
 Filed on the 21 day of May
 A. D. 1972 at 12:30 o'clock P. M.
 County Clerk and Recorder
 Deputy

STATE OF MONTANA }
 County of Lake } ss
 Filed on the 21 day of May
 A. D. 1972 at 12:30 o'clock P. M.
 County Clerk and Recorder
 Deputy

STATE OF MONTANA }
 County of Lake } ss
 Filed on the 21 day of May
 A. D. 1972 at 12:30 o'clock P. M.
 County Clerk and Recorder
 Deputy

STATE OF MONTANA }
 County of Lake } ss
 Filed on the 21 day of May
 A. D. 1972 at 12:30 o'clock P. M.
 County Clerk and Recorder
 Deputy

STATE OF MONTANA }
 County of Lake } ss
 Filed on the 21 day of May
 A. D. 1972 at 12:30 o'clock P. M.
 County Clerk and Recorder
 Deputy

STATE OF MONTANA }
 County of Lake } ss
 Filed on the 21 day of May
 A. D. 1972 at 12:30 o'clock P. M.
 County Clerk and Recorder
 Deputy

STATE OF MONTANA }
 County of Lake } ss
 Filed on the 21 day of May
 A. D. 1972 at 12:30 o'clock P. M.
 County Clerk and Recorder
 Deputy

STATE OF MONTANA }
 County of Lake } ss
 Filed on the 21 day of May
 A. D. 1972 at 12:30 o'clock P. M.
 County Clerk and Recorder
 Deputy

STATE OF MONTANA }
 County of Lake } ss
 Filed on the 21 day of May
 A. D. 1972 at 12:30 o'clock P. M.
 County Clerk and Recorder
 Deputy

STATE OF MONTANA }
 County of Lake } ss
 Filed on the 21 day of May
 A. D. 1972 at 12:30 o'clock P. M.
 County Clerk and Recorder
 Deputy

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 Floyd McIlroy
Address Northgrove
Ronan, Montana
Date well started Mar. 28, 1973
completed Mar. 29, 1973

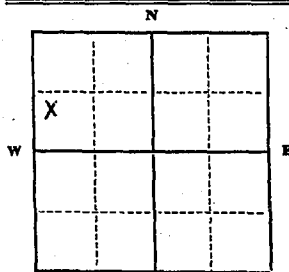
For Administrator's Use
File R-1447, 20937.7
MAY 2, 1973
GW 1 11:55 A.M.

Type of well Drilled
(Dug, driven, bored or drilled)
Equipment used Churn
(Churn drill, rotary or other)
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL _____

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind | From (Feet) | To (Feet) |
| 6" | 6" 17# 0 | | 124 | None | | |



S²N² SW 1/4 NW 1/4 Sec. 16
T. 21 N. R. 19 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 Polson, Montana

LICENSE NO. 8

RECEIVED
MAY 8 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

21N-19W 16
County Tako
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 | 1 | Top soil |
| 1 | 8 | Clay |
| 8 | 46 | Gravel, clay |
| 46 | 70 | Gravel |
| 70 | 71 | Rock |
| 71 | 95 | Gravel, clay |
| 95 | 96 | Rock |
| 96 | 124 | Gravel & clay |
| 124 | 126 | Rock |
| 126 | 127 | Gravel, water |

Static water level 108 ft.*
Pumping water level 124 ft.*
at 5:30 gallons per minute,
measured 5:30 minutes after pumping began.
*Measured from ground level.
Well developed by A1
for 2 hours.
Power _____ Pump _____ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

127 Show exact depth of bottom

53,066

UNRECORDED MINERAL INTERESTS

THIS INSTRUMENT OF INTEREST SUBJECT TO THE TERMS OF THE DEED OR OTHER INSTRUMENT BY WHICH IT WAS ACQUIRED, IS HEREBY RECORDED FOR THE PURPOSE OF ESTABLISHING A PUBLIC RECORD OF THE INTEREST THEREIN.

| TRACT | SECTION | TOWNSHIP | RANGE | COUNTY | STATE |
|-------|---------|----------|-------|--------|-------|
| | | | | | |

| | | | |
|---|--|--|--|
| X | | | |
|---|--|--|--|

R. 7447

209377

Well Report
Floyd McElroy
to
The Public

STATE OF MONTANA
County of Lake

Filed on the 2 day of May
A. D. 1973 at 11:25 o'clock A. M.
JETHEL M. HAWLING

County Clerk and Recorder
By William Laughlin
Deputy

WILLIAM LAUGHLIN

File No. _____

County Lake

DUPLICATE

LOG

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 Edna McCabe Address R.R. 1, Bonan Mont

Driller John Farrell Address Arlee Mont

Date of Notice of appropriation of groundwater _____

Date well started Nov 17 1969 Date completed Nov 20 1969

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.

MONTANA WATER RESOURCES BOARD

RECEIVED

DEC 9 1969



Top of Ground
(Elev. above sea level _____)

23' Clay & Shale

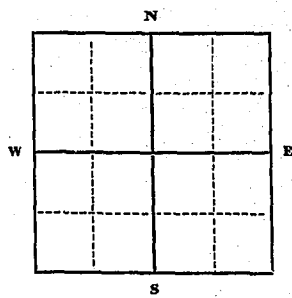
56' Clay & Gravel

80' Clay

88' Sand & Water

91' Gravel & Water

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | 6" 17# | 0 | 91 | | | |



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ feet

at _____ gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump

Length of Test 1 1/2 Hrs

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

1/2 Sec. 16 T. 21 R. 19

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.

14
Driller's License Number

John Farrell
Driller's Signature

45947

File No.

RECEIVED

T R

DUPLICATE

JAN 20 1970

County Lake

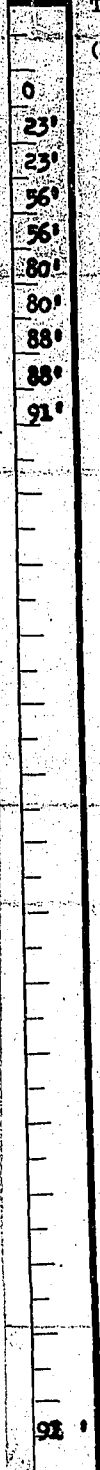
LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

**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 Edna Mccabee Address R. 2 / Ronan Mont

Driller John Farrell Address Arlee Mont

Date of Notice of appropriation of groundwater.....

Date well started Nov 17 1969 Date completed Nov 20 1969

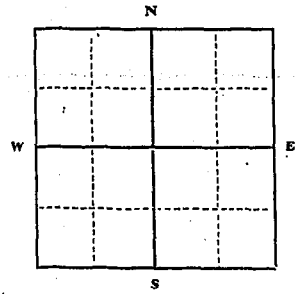
Type of well Drilled Equipment used Churn Drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

MONTANA WATER RESOURCES BOARD
RECEIVED
DEC 9 1969

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) |
| 6" | 6" 17# | 0 | 91 | | | |



Static Water Level for non-flowing well..... 20 feet.

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

Pumping Water Level..... 85 feet
at..... 15 gal. per minute.

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

How Tested..... Pump

Length of Test..... 1 1/2 Hrs

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

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.

14
Driller's License Number

John Farrell
Driller's Signature

45947

File No.

T. 21N. R. 19W.

DUPLICATE

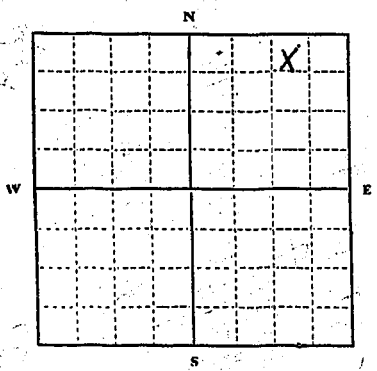
County... Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

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

1. Harold C. Addy & Margaret S. Addy, of Ronan
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4, Sec. 17, T21N R. 19W

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 household
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... December 1948
continuous use since February 8, 1949
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 10 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... electric pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... December 7, 1948 finished Feb 8, 1949
- 8. The depth of water table... approximately 60 feet
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... depth 110 feet, 6 inch casing
- 10. The estimated amount of groundwater withdrawn each year... 30,000 gal per year to 50,000 gal. per yr.
- 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... Harold C. Addy Margaret S. Addy
Date... December 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.

R-499

162789

Water Report
Harold C. & Margaret A.
Maddy
to
The Public

STATE OF MONTANA
County of Lake,
Filed on the 26th day of Dec
A. D. 1908 at 9 o'clock P.M.
Stranik
County Clerk and Recorder
By _____ Deputy

17

File No. _____

T. 21^N R. 19^W

DUPLICATE

County LAKE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights

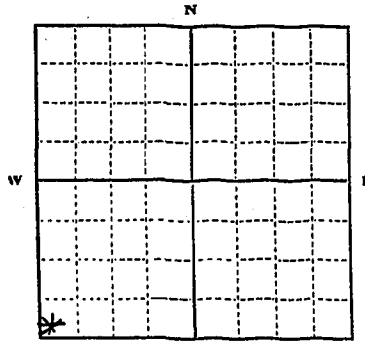
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Elza S. Tolda Rider, of Ronan
(Name of Appropriator) (Address) (Town)

County of Lake State of Mont.

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



50 1/4 sec. 21^N, 19^W, Sec. 17 T21N R. 19W

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 stock and house use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 19 52 every day.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Sufficient water for house hold and stock.

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. Just household sprinkling. Sprinkling lawns ect.

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

7. The date of commencement and completion, of the construction of the well, wells, or other works for withdrawal of groundwater. a drilled well with a sig in Casin.

8. The depth of water table. 90 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. the well is 12 2 ft with a sig in Casin.

10. The estimated amount of groundwater withdrawn each year. all domestic and Livestock use.

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

none 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 Elza S. Rider Tolda Rider

Date Dec 21 - 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.

L-455

162736

Water Report
E. L. + Della Kider
to
The Public

STATE OF MONTANA
County of Lake
Filed on the 26 day of Dec
A. D. 1963 at 9:10 o'clock A. M.
HAZEL KINNICK
County Clerk and Recorder
By G. Cowman
Deputy

\$2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—50331

File No.

T21N R.19W

DUPLICATE

County Lake

LOG

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 5 1971

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground: Approx. 3300'
(Elev. above sea level.....)

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 R. Stout and**

Address **Camilla E. Stout** Address **Ronan, Montana**

Driller **Liberty Drilling Co.** Address **Missoula, Montana**

Date of Notice of appropriation of groundwater **None filed**

Date well started **10/5/70** Date completed **10/15/70**

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

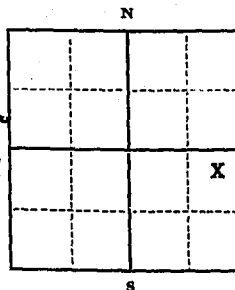
Formations Log

- 0 - 38 Gravel & boulders imbedded in tan clay.
- 38 - 61 Gravel imbedded in tan clay.
- 61 - 90 Tight blue gravel. Some gray clay.
- 90 - 92 Sand, gravel & tan clay. Seeps of water.
- 92 - 111 Gravel imbedded in tan clay.
- 111 - 117 Tight blue gravel.
- 117 - 120 Blue gravel. Water.

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) |
| 6" | 6 5/8" OD x 1/2" | +1'6" | 120 | N | O | N |

Water rises in the well 105 ft. to surface.



Static Water Level for non-flowing well **105** feet.

Shut-in Pressure for Flowing Well **Non-f**
Pumping Water Level **117** feet
at **25** gal. per minute.

Discharge in gal. per min. of flowing well **Non-flowing**

How Tested **Pump test**

Length of Test **Four hours**

Remarks: (Gravel packing, cementing, packers, type of shutoff) **All water entering well through open bottom of six-inch casing. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not over-pumped, i.e., they should be pumped at rates not in excess of 60 to 70 percent of the tested capacity of the aquifer.** (Continue on reverse side)

NE 1/4, SE Sec. 17, T21N R.19W

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

water year after year as long as they are not over-pumped, i.e., they should be pumped at rates not in excess of 60 to 70 percent of the tested capacity of the aquifer.

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).

Approx. **10 Acres**

Show exact depth of bottom.
Bottom of well **120'**

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.

52
Driller's License Number

William F. Osborne
Driller's Signature.

47963

196666

R-12474

WELL REPORT

**JOHN K. & CAMILLA
E. STOUT**

TO

THE PUBLIC

**NOTICE OF COMPLETION
ABANDONMENT**

STATE OF MONTANA
County of Lake
Filed on the 4th day of
Jan. 1971 A.M. at 10:10 PM
Ethel M. Harding
County Clerk and Recorder

By *[Signature]*
Deputy

STATE OF MONTANA
COUNTY OF LAKE
WELL REPORT

NOTICE OF COMPLETION
ABANDONMENT

ORABOLOD WATER

DATE OF COMPLETION OF ABANDONMENT

DATE OF DEED OF ABANDONMENT

DATE OF DEED OF ABANDONMENT

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DATE OF DEED OF ABANDONMENT

196666

Table with 2 columns and 2 rows, likely for recording or tracking.

County Clerk and Recorder

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA WATER RESOURCES BOARD

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.

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

MAY 18 1971

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 with the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

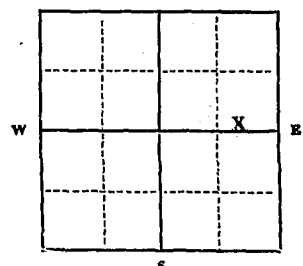
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner **William Patrick Williams III & Vivian Louise Williams**
For Administrator's Use
Address **2608 Main Ronan, Montana**
Date well started **3/23/71** completed **4/7/71**
Type of well **Drilled**
Equipment used **Air Rotary**
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). **Approx. 18 acres**
ESTIMATED ANNUAL WITHDRAWAL **13,140,000**

Top of Ground

| From (Feet) | To (Feet) | Strata |
|-------------|-----------|---|
| 0 | 4 | Topsoil |
| 4 | 42 | Tan clay & gravels |
| 42 | 95 | Tan clay, gravels, cobbles & boulders |
| 95 | 339 | Broken tan, brown, gray & green rock in thin alternate layers |
| 339 | 384 | Broken tan, brown & green rock in four to six feet layers |
| 384 | 470 | Tan, brown, gray and green rock in alternate layers with a few scattered fractures. |

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|---|-------------------|-------------------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 8" | 8 5/8" OD x 1/4" | +1.6' | 238.9' | | | |
| | 6 5/8" OD x 3/8" | -193 | 388 | In place with a Mill Knife & & | 351 362 372 | 352 363 373 |



Static water level **285** ft.*
Pumping water level **400** ft.*
at **50** gallons per minute,
measured **180** minutes after pumping
began.
*Measured from ground level.
Well developed by **Air Lift Pump**
for **Three** hours.
Power **Diesel** Pump **150** HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) **All water
entering well through
perforations in six inch
casing & from cracks &
seams in the rock from
387 to 450 feet.**

S 1/4, SE 1/4 NE 1/4 Sec. 17
T. 21 N. R. 19 E

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

LIBERTY DRILLING & PUMP CO.
Driller's Signature **William F. Osborne**, Owner
Driller's Address **Missoula, Montana**

LICENSE NO. 52

470 feet Show exact depth of bottom
water rises in well **385 feet**
from surface.

48464

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—42345

File No. MAR 15 1972

T. 21N R. 19W

DUPLICATE MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Lake

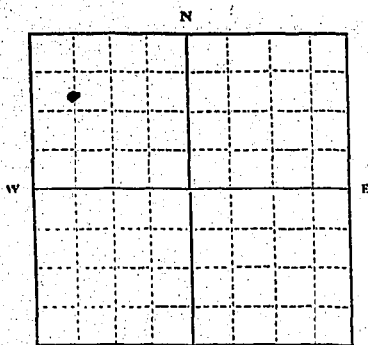
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 3/13/72
Owner Tomt Bonnie Krentz Address Box 311, Polson, Mont
Contractor (if any) N/A
Address of Contractor N/A
Date Started 3/13/72 Date Completed 3/14/72



Lot 1 Sec. 18 T. 21N R. 19W

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

Doc. No. R-1330, 202629
Filed for record
this 14th day of March
A. D. 1972, at 2:15
o'clock P. M.

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

Developed Spring

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

gravity-pump if necessary

3) Depth of water table

24"

4) Use of the water

Domestic-Stock
And irrigation

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

50 gal. per min.

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

50 ACRES HAY LAND

7) Estimate amount of water used each year

AS required

Signature of Owner Thomas A. Krentz Bonnie J. Krentz

Date 3/14/72

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

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

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

50,041

R-1330

202679
Water
Appropriation

Bonnie J. Krantz
to
The Public

STATE OF MONTANA ss

County of Lake

Filed on the 14 day of March

A. D. 1972 at 2:15 o'clock P M

ETHEL M. HARDING

County Clerk and Recorder

By Wilhelmina Laughlin
Deputy

209

DATE

APPROPRIATION OF WATER RIGHTS

STATE OF MONTANA

Division of Conservation and Recreation

Alameda

Division of Conservation and Recreation

File No.

DUPLICATE

SECTION No. 7

RECEIVED

FEB 13 1964

County

Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

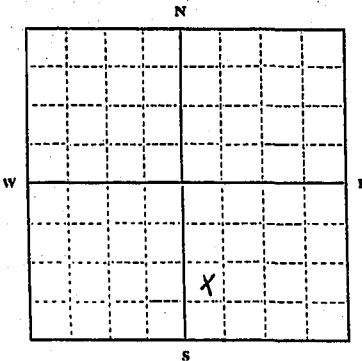
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Peter A. Salomon Jr. of Box 90 Ronan
(Name of Appropriator) (Address) (Town)

County of Lake State of Montana

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



SW⁴ SE¹/₄ Sec. 18, T. 21, R. 19

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

2. The beneficial use on which the claim is based Household
lawn livestock garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 15 1941

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.0 gallon per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
1/8 acre lawn & garden

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 Sept 15, 1941

8. The depth of water table 40 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
drilled well, 4 in. casing
well 65 feet deep

10. The estimated amount of groundwater withdrawn each year 30,000

11. The log of formations encountered in the drilling of each well if available
clay with gravel bottom

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

Signature of Owner Peter A. Salomon Jr.

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

11567

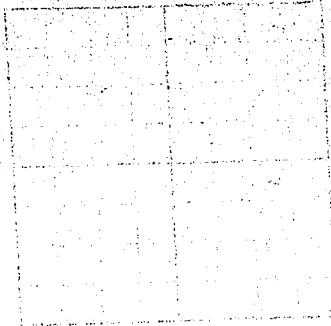
R 382

162602

Peter A Salomon

to

The Public



RECORDED

STATE OF MONTANA

County of Lake

Filed on the 22 day of Dec
A. D. 1935

HAZEL KINNICK

County Clerk and Recorder

Cowman

Deputy

203

File No.

T. 21 N. R. 19 W.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1963
STATE ENGINEER

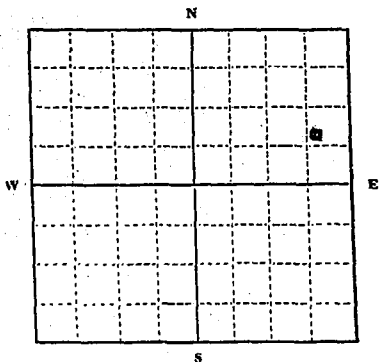
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Archie R. Wright, of Ronan,
(Name of Appropriator) (Address) (Town)

County of L.A.K.E 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. 18 T. 21 R. 19

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
culinary, irrigation of lawns and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1920
Continuous use since then

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
One (1) acre
S.E. 1/4 of N.E. 1/4 of Sec. 18 T. 21 R. 19
Archie R. Wright and Miriam V. Wright

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Electric pump (capacity 800 gallons per hour)
located at building site.

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

8. The depth of water table. 35 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. six inch metal casing
99 feet (depth)

10. The estimated amount of groundwater withdrawn each year. 525,600 gallons

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

Archie R. Wright
Miriam V. Wright

Date December 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.

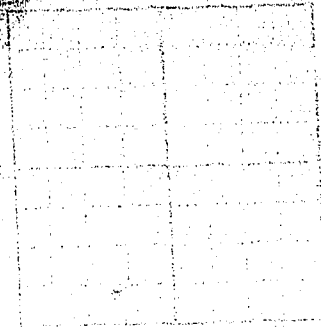
8910

R 337

762423

Water Report

Archie R. Wright
Miriam N. Wright



STATE OF MONTANA
County of Lake.

Filed on the 9 day of Dec
A. D. 1943 at 3:30 o'clock P.

HAZEL KINNICK

County Clerk and Recorder

6 Cowman
Deputy

REGISTERED CIVIL ENGINEER

File No. _____

T. 21 N. R. 19 W.

DUPLICATE

County Libe

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R
JAN 9 1963

Declaration of Vested Groundwater Rights

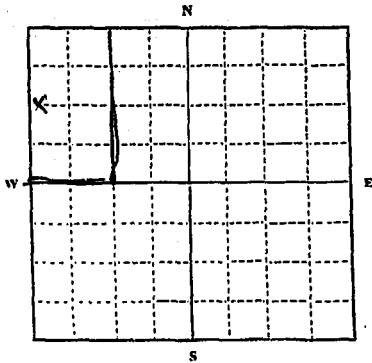
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. C. Max Stark, of East Shore Palson
(Name of Appropriator) (Address) (Town)

County of Libe State of Montana

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



SW 1/4 NW Sec. 19 T. 21 R. 19

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

2. The beneficial use on which the claim is based stock water and house hold use, and garden

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1/2 acre of garden and lawn

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 June 1957 - July 1957

8. The depth of water table 20 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 2" pipe 150 ft. to where water can be pumped, fine sand above

10. The estimated amount of groundwater withdrawn each year 2 acre feet

11. The log of formations encountered in the drilling of each well if available fine sand for 150 ft.

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 C. Max Stark

Date Dec. 31, 1963

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

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

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

19634

R-692

163033

C. Hat Stork

STATE OF MONTANA

County of Lake,

Filed on the 31st day of

A.D. 1903 at 9:19 o'clock A.M.

Stammek
County Clerk and Recorder

By

Deputy

200

R-1252

WELL REPORT
BILLY C. MILROY
TO
THE PUBLIC

STATE OF MONTANA
County of Lake

Filed on the 25 day of Feb.

A. D. 1971 at 4:00 o'clock P.M.
ETHEL M. HARDING
County Clerk and Recorder
by Paula Barber
200 Deputy

THIS REPORT WAS MADE BY THE
OWNER OF THE WELL AND IS NOT
TO BE CONSIDERED AS A
WARRANTY OF THE ACCURACY OF
THE INFORMATION CONTAINED
HEREIN.

DEPARTMENT OF
COURT REPORTS

STATION TO BE
RECORDED IN THE
COUNTY OF LAKE
MONTANA
BY THE COUNTY CLERK AND RECORDER
ON FEBRUARY 25, 1971
AT 4:00 P.M.

200

RECEIVED

File No.

T. 21N R. 19W

DUPLICATE

JAN 11 1972

County Lake RFD

LOG MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION 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)

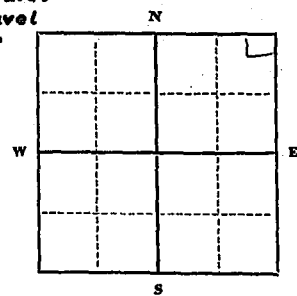
Top of Ground (Elev. above sea level.....) Well located: North Crow

- 0-2 Black Dirt
2651 Sandy Clay and Gravel
61-97 Gray Clay, Gravel and boulders
97-121 Sandy clay, Gravel and Broken Rock
121-138 Tan Clay, Gravel and small boulders
138-140 Boulder
140-141 Silty Sand, Gravel & Seep of water
141-155 Tight Gray Clay Gravel and Rock
155-156 Sandy Clay, Gravel & water
156-159 Boulder
159-160 Tight Gray clay and Gravel
160-166 Sand, Gravel and Water
166-171 Sandy Clay, Gravel and Rock
171-175 Gravel and Rock
175-180 Boulders
180-182 Gravel and Rock
182-186 Boulders
186-196 Tan Clay and Gravel
196-198 Gray Clay and Gravel
198-212 Tan Clay and Gravel
212-216 Gravel and Water
216 Tight Gray Clay and Gravel

Owner: Art Powell Address: Pablo, Montana
Camp Well Drilling & Pump Supply 1522 S. 14th W.
Missoula, Montana
Date of Notice of appropriation of groundwater.....
Date well started May 11, 1970 Date completed May 22, 1970
Type of well Drilled Equipment used Churn Drill
Water use: Domestic [X] Municipal [] Stock [] Irrigation []
Industrial [] Drainage [] Other []

Table with columns: Size of Drilled Hole, Size and Weight of Casing, From (Feet), To (Feet), PERFORATIONS (Kind Size, From (Feet), To (Feet)).

Disc. No. R-1314, 2018.32
Filed for record this 7 day of January
A. D. 19 72 at 9:35
o'clock P.M.



Static Water Level for non-flowing well 190 feet.
Shut-in Pressure for Flowing Well.....
Pumping Water Level 201 feet
at 15 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested Test Pump
Length of Test 2 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff).....

NW 1/4 M W 1/4 NE 1/4 Sec. 42 T. 21 N. R. 19 W.

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.

License # 7
Driller's License Number

Driller's Signature: Camp Well Drilling & Pump Supply
49711

GW 2

File No.

DUPLICATE

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—42

FEB 2 1977

T. 21N R. 19W

County. Lake

LOG MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: W. E. Kaulber Address: Box 61-B Rose

Driller: D. J. Cushman Address: Pablo, Montana

Date of Notice of appropriation of groundwater: Aug 5

Date well started: Aug 1-69 Date completed: Nov 10-69

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

Water use: Domestic [X] 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.

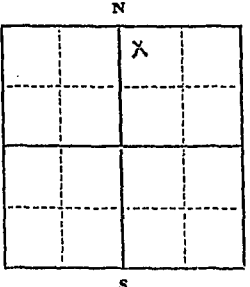
Top of Ground (Elev. above sea level.....)

- 0-3 silt
3-9 gravel + clay surface water
9-65 gravel + boulders
65-80 gravel-sand + clay
80-85 boulder + sand + gravel
85-125 sandy gravel
125-130 clay + gravel
130-140 clay-gravel + sand
140-155 sand
155-165 boulders + gravel + clay

165- quit drilling with cable tool on Aug 24-69 - waiting to get rotary rig off other work. Resumed with rotary on Nov. 10-69

- 165-180 gravel + boulders
180-192 hard blue boulders
192-195 gravel + clay
195-197 boulder
197-212 gravel + clay some water at 212'
212-213 boulder
213-219 hard gravel
219-227 boulders
227-231 gravel
231-241 boulders
241-252 gravel (water)
252-265 gravel + clay

Table with columns: Size of Drilled Hole, Size and Weight of Casing, From (Feet), To (Feet), PERFORATIONS (Kind Size, From (Feet), To (Feet)).



Static Water Level for non-flowing well 212 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 214 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested pumped Length of Test 2 hours.

Remarks: (Gravel packing, cementing, packers, type of shutoff) 6" casing to 165' 4" hole drive shoe - 4" 153' to 255' - 4" is pointed

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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).

Doc. No. 1317, 202146 Filed for record this 2 day of February A. D. 1977 at Helena 2'clock A. M.

260 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.

192 Driller's License Number

D. J. Cushman Driller's Signature

49809

R- 1317

202146
WELL REPORT

HELEN B. ROULLIER

TO

THE PUBLIC

STATE OF MONTANA }
County of Lake } ss

Filed on the 1 day of Feb.

A. D. 1912 at 11:40 o'clock AM
ETHEL M. HARDING

County Clerk and Recorder

By James Barranz
Deputy

200

112 125

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 Harold Vance
Rte. 1, Box 60
Address Box 60
Ronan, Montana 59864
Pauls, Montana 59855
Date well started Aug. 13, 1971
completed Sept. 7, 1971

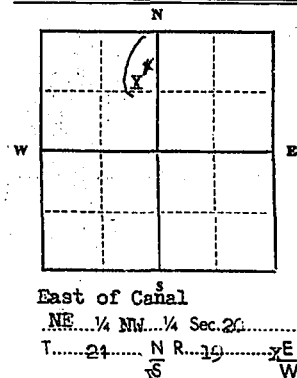
For Administrator's Use
File 200321
September 29, 1971
2:15 P.M.
GW: _____

Type of well Drilled
(Dig, driven, bored or drilled)
Equipment used Churn Drill
(Churn drill, rotary or other)
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL _____

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|---------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" I.D. | 5" I.D. 17 lb per ft. | 1' above g.l. | 252' 3" | | none | |



Static water level 176ft.*
Pumping water level 200ft.*
at 15gallons per minute,
measured 5minutes after pumping began.
*Measured from ground level.
Well developed by fast pump
for 24hours.
Power Electric Pump 1 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

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

Driller's Signature Glenn Camp
Camp Well Drilling & Pump Supply
Driller's Address 1822 S. 14th W. Missoula, Montana 59801

LICENSE NO. 7

21N-19W-20
County LAKE

SEP 30 1971

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) | Description |
|-------------|-----------|-------------------------------------|
| 0 | 10 | Clay & Gravel |
| 10 | 12 | Boulder |
| 12 | 18 | Clay & Gravel |
| 18 | 20 | Boulder |
| 20 | 32 | Tight Clay & Gravel |
| 32 | 33 | Sandy Clay, Gravel & Sand at Water |
| 33 | 64 | Sandy Clay & Gravel |
| 64 | 71 | Tight Clay & Gravel |
| 71 | 132 | Clay Gravel & Boulders |
| 132 | 136 | Sand Gravel & Water |
| 136 | 144 | Clay Gravel & Boulders |
| 144 | 146 | Gravel Boulders & Water |
| 146 | 149 | Clay, Gravel & Boulders |
| 149 | 153 | Boulder |
| 153 | 166 | Gravel Broken Rock & Water |
| 166 | 168 | Boulder |
| 168 | 172 | Clay, Gravel & Boulder |
| 172 | 173 | Sand, Gravel & Water |
| 173 | 184 | Gravel & Broken Rock |
| 184 | 187 | Boulder |
| 187 | 216 | Sandy Clay, Gravel with Broken Rock |
| 216 | 231 | Clay & Boulders |
| 231 | 238 | Sandy Clay & Gravel |
| 238 | 252 | Clay Gravel & Boulders |
| 252 | | Broken Rock, Gravel & Water |

252' 3" Show exact depth of bottom

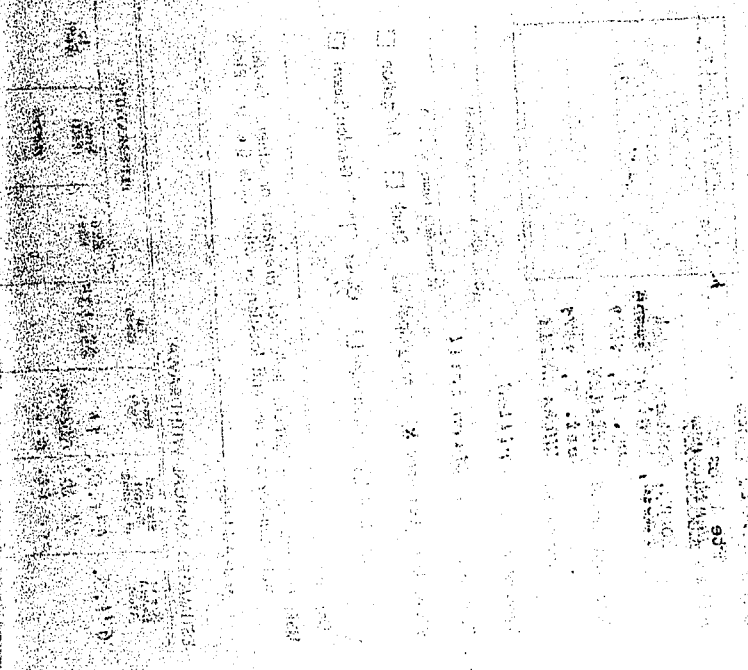
49165

R-1294

200321

**K HAROLD D. VANCE
TO
THE PUBLIC
WELL REPORT**

| DATE | TIME | DEPTH | TEMPERATURE | WIND | WEATHER | REMARKS |
|----------|-------|-------|-------------|------|---------------|---------|
| 11/27/71 | 10:00 | 10 | 48 | W | Partly Cloudy | |
| 11/27/71 | 11:00 | 20 | 45 | W | Partly Cloudy | |
| 11/27/71 | 12:00 | 30 | 42 | W | Partly Cloudy | |
| 11/27/71 | 13:00 | 40 | 38 | W | Partly Cloudy | |
| 11/27/71 | 14:00 | 50 | 35 | W | Partly Cloudy | |
| 11/27/71 | 15:00 | 60 | 32 | W | Partly Cloudy | |
| 11/27/71 | 16:00 | 70 | 30 | W | Partly Cloudy | |
| 11/27/71 | 17:00 | 80 | 28 | W | Partly Cloudy | |
| 11/27/71 | 18:00 | 90 | 26 | W | Partly Cloudy | |
| 11/27/71 | 19:00 | 100 | 24 | W | Partly Cloudy | |
| 11/27/71 | 20:00 | 110 | 22 | W | Partly Cloudy | |
| 11/27/71 | 21:00 | 120 | 20 | W | Partly Cloudy | |
| 11/27/71 | 22:00 | 130 | 18 | W | Partly Cloudy | |
| 11/27/71 | 23:00 | 140 | 16 | W | Partly Cloudy | |
| 11/28/71 | 00:00 | 150 | 14 | W | Partly Cloudy | |
| 11/28/71 | 01:00 | 160 | 12 | W | Partly Cloudy | |
| 11/28/71 | 02:00 | 170 | 10 | W | Partly Cloudy | |
| 11/28/71 | 03:00 | 180 | 8 | W | Partly Cloudy | |
| 11/28/71 | 04:00 | 190 | 6 | W | Partly Cloudy | |
| 11/28/71 | 05:00 | 200 | 4 | W | Partly Cloudy | |
| 11/28/71 | 06:00 | 210 | 2 | W | Partly Cloudy | |
| 11/28/71 | 07:00 | 220 | 0 | W | Partly Cloudy | |
| 11/28/71 | 08:00 | 230 | 0 | W | Partly Cloudy | |
| 11/28/71 | 09:00 | 240 | 0 | W | Partly Cloudy | |
| 11/28/71 | 10:00 | 250 | 0 | W | Partly Cloudy | |
| 11/28/71 | 11:00 | 260 | 0 | W | Partly Cloudy | |
| 11/28/71 | 12:00 | 270 | 0 | W | Partly Cloudy | |
| 11/28/71 | 13:00 | 280 | 0 | W | Partly Cloudy | |
| 11/28/71 | 14:00 | 290 | 0 | W | Partly Cloudy | |
| 11/28/71 | 15:00 | 300 | 0 | W | Partly Cloudy | |
| 11/28/71 | 16:00 | 310 | 0 | W | Partly Cloudy | |
| 11/28/71 | 17:00 | 320 | 0 | W | Partly Cloudy | |
| 11/28/71 | 18:00 | 330 | 0 | W | Partly Cloudy | |
| 11/28/71 | 19:00 | 340 | 0 | W | Partly Cloudy | |
| 11/28/71 | 20:00 | 350 | 0 | W | Partly Cloudy | |
| 11/28/71 | 21:00 | 360 | 0 | W | Partly Cloudy | |
| 11/28/71 | 22:00 | 370 | 0 | W | Partly Cloudy | |
| 11/28/71 | 23:00 | 380 | 0 | W | Partly Cloudy | |
| 11/29/71 | 00:00 | 390 | 0 | W | Partly Cloudy | |
| 11/29/71 | 01:00 | 400 | 0 | W | Partly Cloudy | |
| 11/29/71 | 02:00 | 410 | 0 | W | Partly Cloudy | |
| 11/29/71 | 03:00 | 420 | 0 | W | Partly Cloudy | |
| 11/29/71 | 04:00 | 430 | 0 | W | Partly Cloudy | |
| 11/29/71 | 05:00 | 440 | 0 | W | Partly Cloudy | |
| 11/29/71 | 06:00 | 450 | 0 | W | Partly Cloudy | |
| 11/29/71 | 07:00 | 460 | 0 | W | Partly Cloudy | |
| 11/29/71 | 08:00 | 470 | 0 | W | Partly Cloudy | |
| 11/29/71 | 09:00 | 480 | 0 | W | Partly Cloudy | |
| 11/29/71 | 10:00 | 490 | 0 | W | Partly Cloudy | |
| 11/29/71 | 11:00 | 500 | 0 | W | Partly Cloudy | |
| 11/29/71 | 12:00 | 510 | 0 | W | Partly Cloudy | |
| 11/29/71 | 13:00 | 520 | 0 | W | Partly Cloudy | |
| 11/29/71 | 14:00 | 530 | 0 | W | Partly Cloudy | |
| 11/29/71 | 15:00 | 540 | 0 | W | Partly Cloudy | |
| 11/29/71 | 16:00 | 550 | 0 | W | Partly Cloudy | |
| 11/29/71 | 17:00 | 560 | 0 | W | Partly Cloudy | |
| 11/29/71 | 18:00 | 570 | 0 | W | Partly Cloudy | |
| 11/29/71 | 19:00 | 580 | 0 | W | Partly Cloudy | |
| 11/29/71 | 20:00 | 590 | 0 | W | Partly Cloudy | |
| 11/29/71 | 21:00 | 600 | 0 | W | Partly Cloudy | |
| 11/29/71 | 22:00 | 610 | 0 | W | Partly Cloudy | |
| 11/29/71 | 23:00 | 620 | 0 | W | Partly Cloudy | |
| 11/30/71 | 00:00 | 630 | 0 | W | Partly Cloudy | |
| 11/30/71 | 01:00 | 640 | 0 | W | Partly Cloudy | |
| 11/30/71 | 02:00 | 650 | 0 | W | Partly Cloudy | |
| 11/30/71 | 03:00 | 660 | 0 | W | Partly Cloudy | |
| 11/30/71 | 04:00 | 670 | 0 | W | Partly Cloudy | |
| 11/30/71 | 05:00 | 680 | 0 | W | Partly Cloudy | |
| 11/30/71 | 06:00 | 690 | 0 | W | Partly Cloudy | |
| 11/30/71 | 07:00 | 700 | 0 | W | Partly Cloudy | |
| 11/30/71 | 08:00 | 710 | 0 | W | Partly Cloudy | |
| 11/30/71 | 09:00 | 720 | 0 | W | Partly Cloudy | |
| 11/30/71 | 10:00 | 730 | 0 | W | Partly Cloudy | |
| 11/30/71 | 11:00 | 740 | 0 | W | Partly Cloudy | |
| 11/30/71 | 12:00 | 750 | 0 | W | Partly Cloudy | |
| 11/30/71 | 13:00 | 760 | 0 | W | Partly Cloudy | |
| 11/30/71 | 14:00 | 770 | 0 | W | Partly Cloudy | |
| 11/30/71 | 15:00 | 780 | 0 | W | Partly Cloudy | |
| 11/30/71 | 16:00 | 790 | 0 | W | Partly Cloudy | |
| 11/30/71 | 17:00 | 800 | 0 | W | Partly Cloudy | |
| 11/30/71 | 18:00 | 810 | 0 | W | Partly Cloudy | |
| 11/30/71 | 19:00 | 820 | 0 | W | Partly Cloudy | |
| 11/30/71 | 20:00 | 830 | 0 | W | Partly Cloudy | |
| 11/30/71 | 21:00 | 840 | 0 | W | Partly Cloudy | |
| 11/30/71 | 22:00 | 850 | 0 | W | Partly Cloudy | |
| 11/30/71 | 23:00 | 860 | 0 | W | Partly Cloudy | |
| 12/01/71 | 00:00 | 870 | 0 | W | Partly Cloudy | |
| 12/01/71 | 01:00 | 880 | 0 | W | Partly Cloudy | |
| 12/01/71 | 02:00 | 890 | 0 | W | Partly Cloudy | |
| 12/01/71 | 03:00 | 900 | 0 | W | Partly Cloudy | |
| 12/01/71 | 04:00 | 910 | 0 | W | Partly Cloudy | |
| 12/01/71 | 05:00 | 920 | 0 | W | Partly Cloudy | |
| 12/01/71 | 06:00 | 930 | 0 | W | Partly Cloudy | |
| 12/01/71 | 07:00 | 940 | 0 | W | Partly Cloudy | |
| 12/01/71 | 08:00 | 950 | 0 | W | Partly Cloudy | |
| 12/01/71 | 09:00 | 960 | 0 | W | Partly Cloudy | |
| 12/01/71 | 10:00 | 970 | 0 | W | Partly Cloudy | |
| 12/01/71 | 11:00 | 980 | 0 | W | Partly Cloudy | |
| 12/01/71 | 12:00 | 990 | 0 | W | Partly Cloudy | |
| 12/01/71 | 13:00 | 1000 | 0 | W | Partly Cloudy | |



STATE OF MONTANA } ss
 County of Lake
 Filed on the 29 day of Sept
 A. D. 1971 at 2:15 o'clock P M
 ETHEL M. HARDING
 County Clerk and Recorder
 By Samuel Benk
 Deputy

RECEIVED

File No.

T. 21 R. 19

DUPLICATE

MAR 10 1970

County LAKE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

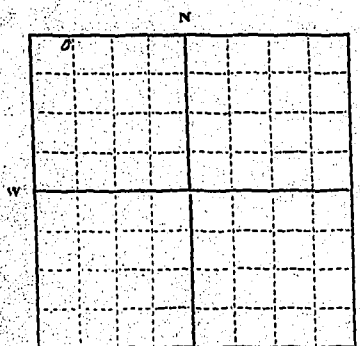
Date of Appropriation of Groundwater March 9, 1970

Owner Laura Jean Cook Address Ronan, Montana

Contractor (if any) None

Address of Contractor N/A

Date Started 12/10/69 Date Completed 3/1/70



NW 1/4 NW 25 T 21 R 19

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

Doc. No. 192725
Filed for record
this 9 day of March
A. D. 1970, at 9:22
o'clock A.M.

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Developed Springs and collection ponds

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

3) Depth of water table five (5) feet

4) Use of the water irrigation and stock water

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 500 gallons per minute

6) If used for irrigation, give number of acres and description of land 40 acres - NW 1/4 of NW 25 Section 25

7) Estimate amount of water used each year 72,000,000 gallons

Signature of Owner Laura Jean Cook
Date 3/9/70

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.

46246

R-1194

19 27 25

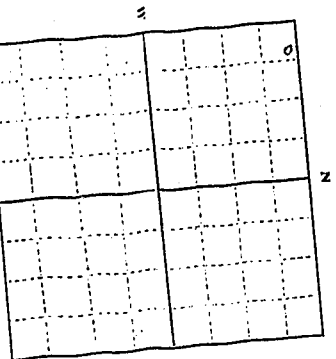
Groundwater Appropriation

Laura Joan Cook

vs

The Public

STATE OF MONTANA } ss
 County of Lake
 Filed on the 9 day of Mar
 19 70 at 9:22 o'clock AM
ETHEL M. HARDING
 County Clerk and Recorder
 by Dorlene King
 Deputy



Date of Appropriation

Owner: Laura Joan Cook Address: Ronan, Montana

Contractor (if any): None

Address of Contractor: N/A

Date Started: 12/10/69 Date Completed: 3/1/70

- 1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.): Developed Springs and collection ponds
- 2) Means of withdrawing water (gravity pump, canal, etc.): Pump
- 3) Depth of water table: five (5) feet
- of the water: irrigation and stock water

RECEIVED

MAR 10 1970 County LAKE

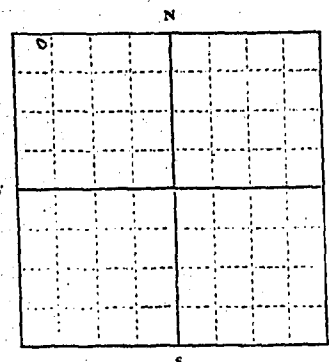
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater March 9, 1970
Owner Laura Joan Cook Address Ronan, Montana
Contractor (if any) None
Address of Contractor N/A
Date Started 12/10/69 Date Completed 3/1/70



N.W. 1/4 Sec. 25 T. 21 R. 19

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

- Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)... Developed Springs and collection ponds
- Means of withdrawing water (gravity, pump, canal, etc.)... Pump
- Depth of water table... five (5) feet
- Use of the water... irrigation and stock water
- Amount of groundwater claimed (in miner's inches, or gallons per minute)... 500 gallons per minute
- If used for irrigation, give number of acres and description of land... 40 acres NW 1/4 of NW 1/4 section 25
- Estimate amount of water used each year... 72,000,000 gallons

Signature of Owner Laura Joan Cook
Date 3/9/70

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.

STATE OF MONTANA,

County of _____ ss.

_____ having first been duly sworn, depose and say that he of lawful age and _____ the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are true.

Suzanne Joan Cook

Subscribed and sworn to before me, this *6th* day of *March*, 19 *70*

Earl M. Harding
Notary Public for the State of Montana.

Residing at *Bellevue, Montana*

My Commission expires *9-10* 19 *71*

R-1194

192725

Groundwater-Approp.

Suzanne Joan Cook

Earl M. Harding

STATE OF MONTANA
COUNTY OF _____
9 MAR 1970
EARL M. HARDING
Notary Public
Suzanne Joan Cook

GW 2

File No.

T. 21 N. 19 W. 28

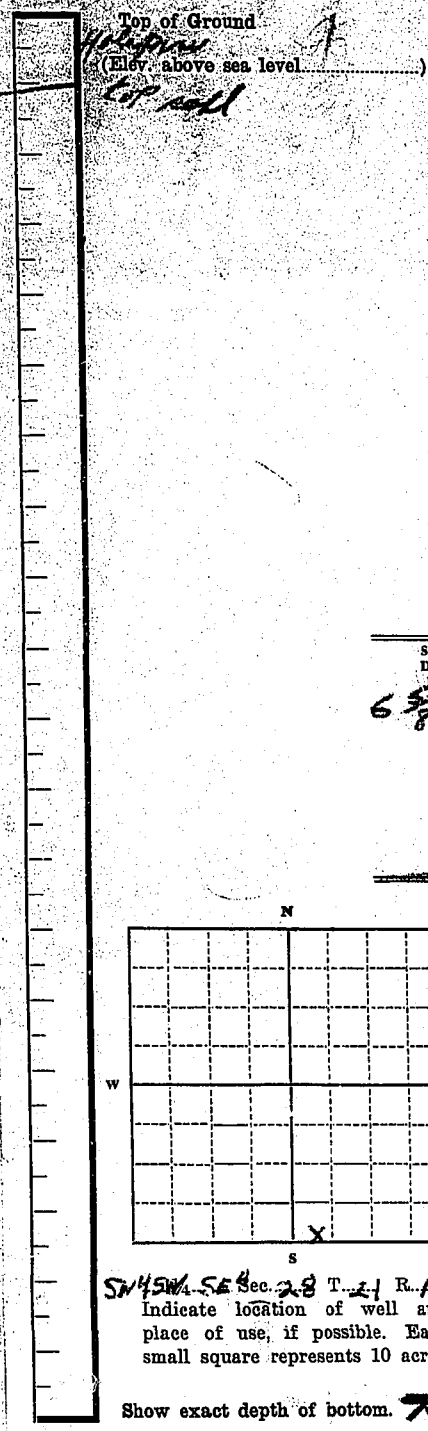
DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECEIVED
JAN 29 1965
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)



Owner Richard Evans Address Rock

Driller Robert W. Nelson Address Superior Lake

Date of Notice of Appropriation of Groundwater

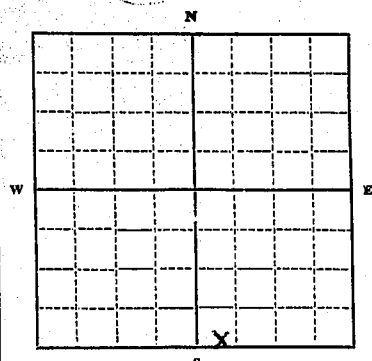
Date well started Oct 16-65 Date Completed

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|------------------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6 3/8 | 6 5/8 OD 1.5 1/2 LB BLK IRON | 0 | 73 | none | | |



SW 4 SW 1/4 Sec. 28 T. 21 R. 19
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom. 73'

Static Water Level for non-flowing Well

Shut-in Pressure for Flowing Well

Pumping Water Level feet at 1 1/2 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested By Baker Length of Test 1 hour

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

103
Driller's License Number

Robert W. Nelson
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.

38885

168902
BGM

Richard Evans
to
The Public

STATE OF MONTANA
County of Lake
Filed on the 20 day of Jan
A. D. 1925 at 3:00 o'clock P.M.
HAZEL KINNICK
County Clerk and Recorder
By E. G. Quinn Deputy

Abbeokinnick
Hazel Kinnick
RECORDED
INDEXED
JAN 21 1925

INDEXED
RECORDED
FILED
JAN 21 1925

Table with columns: Date, Name, Amount, etc. (Faint text)

State of Montana for 1925
Hazel Kinnick, County Clerk and Recorder

JUL 2 1973

County: Blaine

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 Les Suter
Address Rt. 1 Box 37
Bozeman, Mont.
Date well started 5 June 1973
completed 12 June / 73

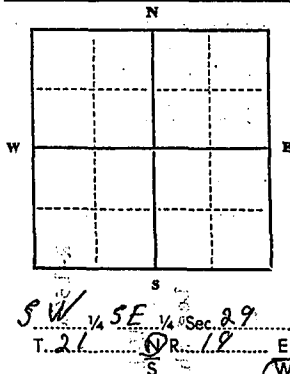
For Administrator's Use
File 210557, R1504
June 29, 1973
GW 1 11:30 A.M.

Type of well Drilled
(Dug, driven, bored or drilled)
Equipment used Churn drill
(Churn drill, rotary or other)
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 60,000

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6 | 5/8 17# | 20" up | 120' | XXXX | XXXX | XXXX |



Static water level 89 ft.*
Pumping water level 92 ft.*
at 35 gallons per minute,
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by Water
for 4 hours.
Power 230 Pump 3/4 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

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

Driller's Signature George O'Beche

Driller's Address Box 47

Bozeman, Mont. LICENSE NO. 204

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 | 1 | Topsoil |
| 2 | 18 | Tan clay, gravel |
| 18 | 21 | Blue gray gravel |
| 21 | 32 | Gray gravel in tan clay |
| 32 | 36 | Sandstone, & gravel |
| 36 | 42 | Gray gravel, tan clay |
| 42 | 54 | Tan clay, & gravel |
| 54 | 73 | Sandy tan clay |
| 73 | 97 | Tan clay |
| 97 | 116 | Tan clay, & gravel |
| 116 | 121 | Hard silty gravel, & coarse sand / water |

Show exact depth of bottom

120 ft.

54639

210557

R-1504

Well Report
Les Shafer

to

The Public

STATE OF MONTANA
County of Lake
June 29 11:30 A.M.
CLERK & RECORDER
County Clerk and Recorder
E. O. [Signature]
Deputy

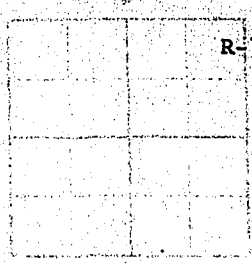


Table with columns for well identification and data. Headers include: WELL NO., WELL DEPTH, WELL TYPE, WELL STATUS, WELL LOCATION, WELL OWNER, WELL OPERATOR, WELL RENT, WELL LEASE, WELL PRODUCTION, WELL COST, WELL VALUE, WELL TAXES, WELL OTHER.

Vertical text on the left side of the page, possibly containing well details or survey information.

Table with multiple columns and rows, likely a continuation of the well data table or a separate record table.

File No.

T. 21^N R. 19

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

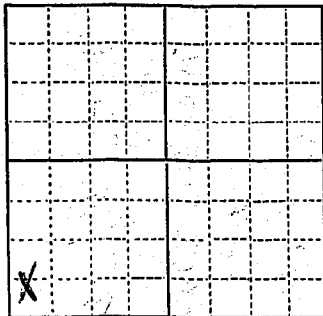
RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Roscoe Sparks of Ronan
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 29 T. 21 R. 19

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

2. The beneficial use on which the claim is based...
domestic use, stockwater and irrigating

lawn and gardens

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
Feb. 1949 first use, continuous since then

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

SW 1/4 Sec. 29, T. 21 N. R. 19 W.

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...
1949 commenced and also completed

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...
six inch casing, well is about 113 ft. deep.

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

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 Roscoe Sparks

Date Dec. 23, 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.

R-509 167800

Water Reports
Roscoe Sparks
to
The Public

STATE OF MONTANA
County of Lake,
Filed on the 26 day of Dec
A. D. 1963 at 3:39 o'clock P. M.
S. J. Smith
County Clerk and Recorder

By _____ Deputy

0

0

DEPARTMENT OF REVENUE
STATE OF MONTANA
OFFICE OF THE CLERK AND RECORDER
COUNTY OF LAKE
STATE PRINTING

30

File No. MONTANA WATER RESOURCES BOARD

T. 21 R. 19
County LAKE

DUPLICATE RECEIVED

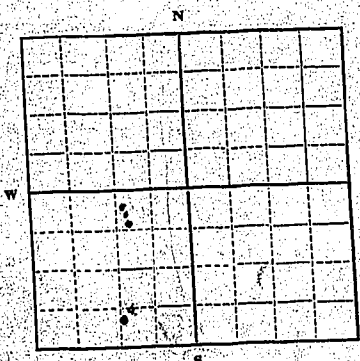
JAN 18 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1-14-68
Owner H.H. NORMANDEAU Address RT 1 BOX 169B
Contractor (if any) NONE
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. DIGGING DOWN INTO GRAVEL TO DEVELOP SMALL SPRING FLOW

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. NO WAY TO MEASURE ACCURATELY BUT USE ALL FLOW FOR HOUSE, BARN, LIVESTOCK, FISH, & IRRIGATING

W 2 1/2 S W 1/4 Sec 30 T 21 N R 19 W
Indicate point of appropriation and place of use, if possible.

Signature of Owner H.H. Normandean
Date 1-16-68

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.

42,762

187974

H. D. Norman leave
to
The Public

STATE OF MONTANA, ss.
County of Lake
Filed on the 16 day of Jan
A. D. 1968 at 2:41 o'clock P.
ETHEL M. HARDING
County Clerk and Recorder
By James Cowner Deputy

30

File No. _____

T. 21 R. 19

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 14 1963

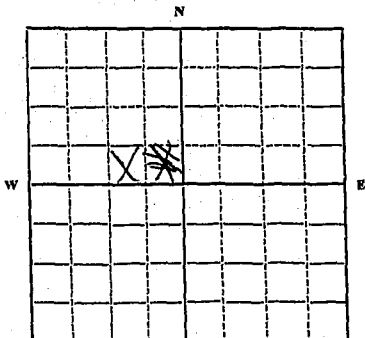
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. IRENE and HENRY NORMANDEAN of P.O. BOX 374 RONAN
(Name of Appropriator) (Address) (Town)

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



LOCATED ON THE SOUTH END
OF NW 1/4 OF THE E 1/2 OF THE
NW 1/4 Sec. 30 T. 21. R. 19.

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
STOCK WATER & GARDEN IRRIGATION

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. 1934 CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 15 GAL PER MIN
ART. OVERFLOW

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
LOTS 1, 2, 3 + 4 + 1/2 OF THE
E 1/2 OF THE NW 1/4 OF SEC. 30
T. 21, R. 19

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal. WATER FLOWS TO HOUSE, USE SMALL
PUMP FOR PRESSURE

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. DEFINITE DATES NOT KNOWN, BUT HAS
BEEN IN USE SINCE 1934

8. The depth of water table. WELL IS 46 FEET DEEP, WATER OVERFLOWS

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. 3 INCH PIPE, WELL IS
46 FEET DEEP

10. The estimated amount of groundwater withdrawn each year. 5,000,000 GAL PER AN

11. The log of formations encountered in the drilling of each well if available. SANDY CLAY
MOSTLY, THEN HARD CLAY WITH SOME ROCK, THEN
GRAVEL WHERE WATER WAS FOUND.

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

Irene Normandean
Signature of Owner H. Normandean
Date MAR 14, 1963

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

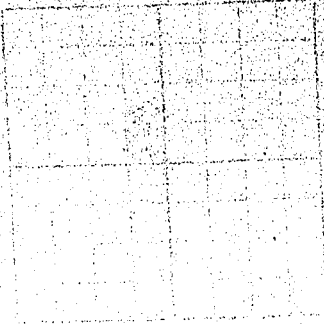
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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.

R 149

158836

Notes Report
Grant Henry Normandean
to
The Public



STATE OF MONTANA

County of Lake

Filed on the 12 day

March

A. D. 1963 at 2:00

PM

HAZEL KINNICK

County Clerk

By

E. Cowman

Deputy

200

U

30

File No. _____

T. 21^N R. 19^W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

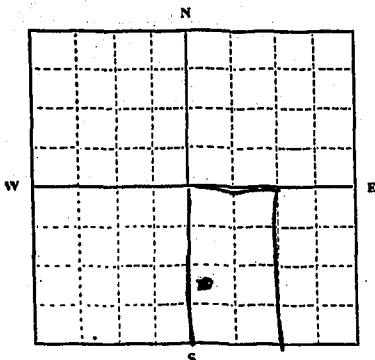
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Frank A. Paitor, of Roman Mont
(Name of Appropriator) (Address) (Town)

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



W 1/2 Sec. 30 T. 21 R. 19

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 domestic and garden*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *May 1932 to date. continuous use*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). *20 gal. per min.*
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. *Electric pump*
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *May 1932*
- 8. The depth of water table. *9.5 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. *well casing 4 1/2 in.*
- 10. The estimated amount of groundwater withdrawn each year. *60,000.*
- 11. The log of formations encountered in the drilling of each well if available. *Rock & sand*
- 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 *Frank A. Paitor*
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.

12208

R-428

162686

Water Report
Frank A. Kanton
to
The Public

STATE OF MONTANA } ss
County of Lake,

Filed on the 23 day of December
A. D. 1965 at 10:55 o'clock A.M.

HAZEL KINNICK

County Clerk and Recorder

By

M. Knaus

Deputy

R-428