

Doc. # 95325

Miled this 3rd day of

May A. D. 1963

at 11:30 o'clock A. M.

Margaret Monnell

Clerk and Recorder.

By Walter Jones Lee Deputy

Fee \$ 2.00

File No. ....

T. 6 S R 2 E  
County PARK

DUPLICATE

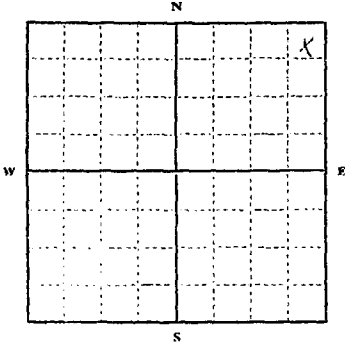
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964  
STATE ENGINEER

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

1. ALICE V. COMPTON, of Emigrant  
(Name of Appropriator) (Address) (Town)

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



1/4 Sec 1 S T 6 S R 2 E

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

2. The beneficial use on which the claim is based.....  
Domestic and stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... approximately 1900

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25"

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  
N/A

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal a 2" pipe inserted directly into spring, conveying water from spring to the house and overflow going for stockwater.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater approximately 1900.

8. The depth of water table..... Unknown

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 a 2" pipe inserted directly into spring, conveying water from spring to the house and overflow going for stockwater.

10. The estimated amount of groundwater withdrawn each year... 25"

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

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 N/A

Signature of Owner Alice V. Compton  
Date 12 31 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.

20707

# 9813d

Filed this 31 day of

dec A. D. 1963

at 10:29 o'clock a M.

Margaret Monical  
County Clerk and Recorder.

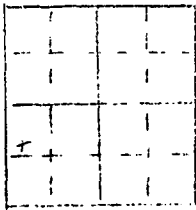
Notary

fee \$ 2.00

T 68 R 7E

County Park

RECEIVED



MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

STATE ENGINEER

WATER WELL LOG  
Owner Floyd S. Peterson Address E. Pray

Driller \_\_\_\_\_ Address \_\_\_\_\_

Date Started 1920 Date Completed \_\_\_\_\_

Location: Sec. 28 T 68 R 7E 1/4 Sec. NW 1/4 of SW 1/4

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

Water use: Domestic \_\_\_\_\_ Municipal \_\_\_\_\_ Stock X Irrigation \_\_\_\_\_  
Industrial \_\_\_\_\_ Drainage \_\_\_\_\_ Other: \_\_\_\_\_

Casing: 0 ft. to 12 ft. Type galvanized pipe Size 1 1/2"

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: \_\_\_\_\_ feet.

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

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

in tank near well

Log of Well

| Depth, feet         | Description of Material Drilled |
|---------------------|---------------------------------|
| From _____ to _____ |                                 |
| _____ to _____      |                                 |
| _____ to _____      |                                 |
| _____ to _____      |                                 |

Doc. # 90603

Filed this 29 day of

December, A. D. 1961

at 2:46 P. M.

Margaret Morsica  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

Fee - \$ 1.00 P.

22  
3

File No. ....

T. 65 R. 7E

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 23 1963  
STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Gilbert E. Ragsdale Address Emigrant, Mont.

Driller Van Dyken Drilling Co. Address Bozeman, Mont.

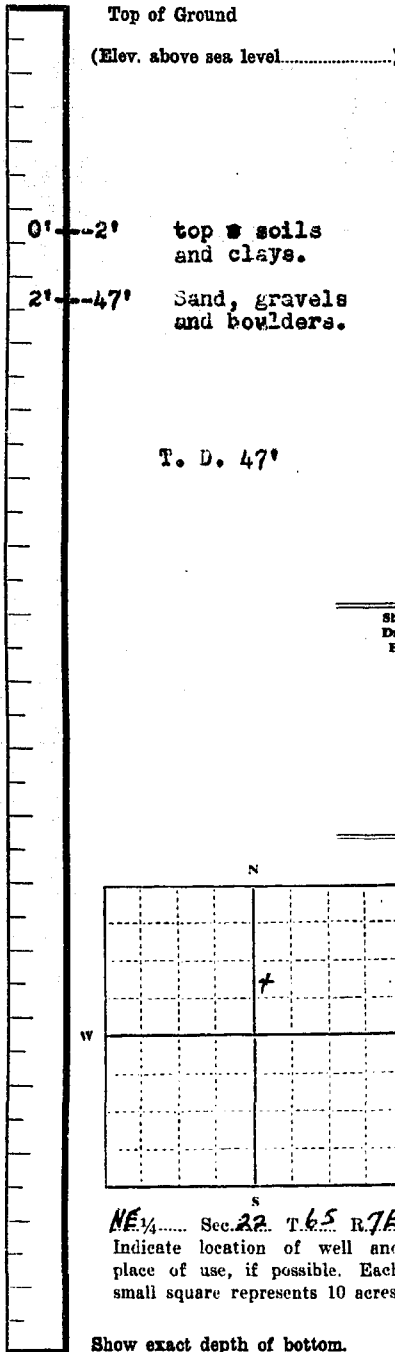
Date of Notice of Appropriation of Groundwater none

Date well started March 14/49 Date Completed March 17/49

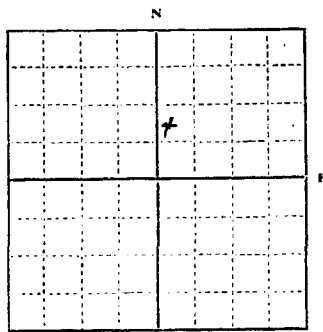
Type of well Drilled Equipment Used Cable tools  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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"                   | 6" 19#                    | 0           | 47'       | none         |             |           |



NE 1/4 Sec. 22 T. 6S R. 7E

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

Show exact depth of bottom.

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

Shut-in Pressure for Flowing Well none

Pumping Water Level 23' feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested Bailer 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).....

License No. I

Driller's License Number

Robert Van Dyken  
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.

Doc #97674

Filed this 20<sup>th</sup> day of

December A. D. 1963

at 3:20 o'clock P. M.

Margaret Monical  
County Clerk and Recorder.

Fee \$2.00 Deputy.

File No. ....

T. 6 S. R 7 E.

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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 February, 1932

Owner Gilbert E. Ragsdale Address Emigrant, Montana

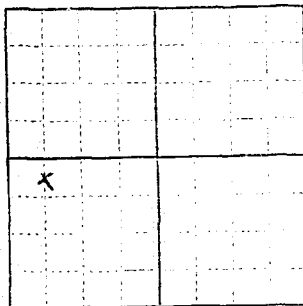
Contractor (if any) .....

Address of Contractor .....

Date Started..... Date Completed.....

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

1 spring running out of the ground



NW 1/4 Sec. 22 T6S R 7E

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

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

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

entire amount of water coming from this spring is used continuously by stock.

Signature of Owner Gilbert E. Ragsdale

Date Dec. 27, 1963

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

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

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

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

15473



Doc. # 97933

Filed this 27 day of

December A. D. 1963

at 3:27 o'clock P. M.

Margaret Monical  
County Clerk and Recorder.

By fee \$ 5.00 Deputy

T. 6 S R. 7 E  
County Park

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1911

WATER WELL LOG

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

Owner Lloyd P. Peterson STATE ENGINEER  
Address Conroy

Driller..... Address.....

Date Started..... Date Completed.....

Location: Sec. 23 T. 6 S R. 7 E 1/4 sec. NE 1/4 NE 1/4

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other:.....

Casing: 0 ft. to 20 ft. Type steel Size.....

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: 9 feet.

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

Pumping water level..... 12 feet at..... 20 gal. per min.

How tested: logs

Length of test..... hrs

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

In front of barn

(over)

Rec # 90604

Filed this 29 day of

December 1961

at 2:47 P.M.

Margaret Munnick  
County Clerk and Recorder.

by Deputy.

Fee \$ 1.00

*Handwritten notes in the top left corner, partially illegible.*

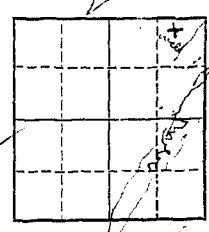
T. 6S R. 7E

County... RECEIVED

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

STATE ENGINEER

WATER WELL LOG



Owner: *Emigrant* Address: *Emigrant*  
Driller: *Emigrant* Address: *Emigrant*  
Date Started: *Emigrant* Date Completed: *Emigrant*  
Location: Sec. *Emigrant* T. *Emigrant* R. *Emigrant* 1/4 sec. *NE 1/4*

Type of well: *Drilled* Equipment used: *Small tools*  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: *Emigrant*

Casing: *0* ft. to *20* ft. Type: *Drilled* Size: *1 1/2" O.D. 17# PE*

Casing: *20* ft. to *20* ft. Type: *Drilled* Size: *1 1/2" O.D. 17# PE*

Casing: *20* ft. to *20* ft. Type: *Drilled* Size: *1 1/2" O.D. 17# PE*

Perforated or Screened: Ft. *20* to ft. *20* Ft. *20* to ft. *20*

Type of screen or perforations: *Emigrant*

Static Water level, for non-flowing well: *9* feet.

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

Pumping water level: *12* feet at *20* gal. per min.

How tested: *Emigrant*

Length of test: *Emigrant*

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

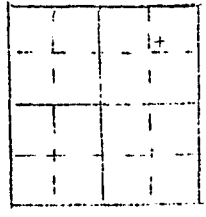
*Across highway and road from dwelling and barn*

(over)



T 6 S R 7 E

County Park RECEIVED  
APR 2 1951



MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana STATE ENGINEER

WATER WELL LOG  
Owner Floyd Peterson Address Emigrant

Driller \_\_\_\_\_ Address \_\_\_\_\_

Date Started 1951 Date Completed \_\_\_\_\_

Location: Sec. 23 T 6 S R 7 E 1/4 Sec. NE 1/4 of NE 1/4

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

Water use: Domestic \_\_\_\_\_ Municipal \_\_\_\_\_ Stock \_\_\_\_\_ Irrigation \_\_\_\_\_  
Industrial \_\_\_\_\_ Drainage \_\_\_\_\_ Other: \_\_\_\_\_

Casing: 0 ft. to 20 ft. Type permeable Size 6 3/4" O.D. 17# P.E.

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: 9 feet.

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

Pumping water level 17 feet at 20 gal. per min.

How tested: water

Length of test 1 hr

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
well is gravel drilling

| Log of Well |                                 |
|-------------|---------------------------------|
| Depth, feet | Description of Material Drilled |
| From        | to                              |
|             |                                 |
|             |                                 |
|             |                                 |

Doc # 70606

Filed this 29 day of

December A. D. 1961

at 2:49 o'clock P. M.

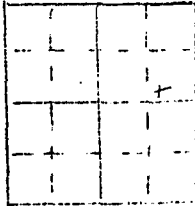
Margaret M. Murrell  
County Clerk and Recorder.

       Deputy.

Fee \$ 1.00

T 6 S R 7 E

County Park



MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 17 1951

Owner WATER WELL LCG STATE ENGINEER  
Edward D. Peterson Comptroller

Driller \_\_\_\_\_ Address \_\_\_\_\_

Date Started 1951 Date Completed \_\_\_\_\_

Location: Sec. 23 T 6 S R 7 E 1/4 Sec. SE 1/4 of NE 1/4

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

Water use: Domestic  Municipal \_\_\_\_\_ Stock  Irrigation   
Industrial \_\_\_\_\_ Drainage \_\_\_\_\_ Other: \_\_\_\_\_

Casing: 0 ft. to 20 ft. Type \_\_\_\_\_ Size \_\_\_\_\_

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: 9 feet.

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

Pumping water level 12 feet at 20 gal. per min.

How tested: 1 hr

Length of test 1 hr

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
Back of little above tower by Big Creek

| Log of Well         |                                 |
|---------------------|---------------------------------|
| Depth, feet         | Description of Material Drilled |
| From _____ to _____ | _____                           |
| _____               | _____                           |
| _____               | _____                           |



Doc # 90602

Filed this 29 day of

December A. D. 1961

2:45 o'clock P. M.

Margaret Mansel  
Clerk of Court and Recorder.

Deputy

Fee \$1.00 pd.

23

File No. ....

T. 1-R-7E

DUPLICATE

County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

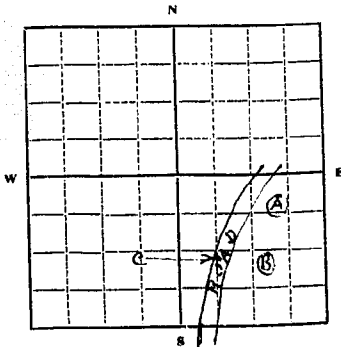
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ralph E. Hepburn, of Jardine,  
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec. 29, T.6S. R.7E MPM

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

Lots 6 and 7

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Not developed, but there are indications that water may be present

4. The amount of groundwater claimed (in miner's inches or gallons per minute). This would be a question if water is reached

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  
Does not apply

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

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

8. The depth of water table. not known

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.  
Does not apply

10. The estimated amount of groundwater withdrawn each year. would be a question

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. Possible spring shown at point A 115.0 feet from south boundary, and 600 feet from center of road at point B.

Signature of Owner. Ralph E. Hepburn

Date Dec 19, 1963

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

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

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

17365

Doc. # 97965

Filed this 30<sup>th</sup> day of

December A. D. 1 963

at 8.12 o'clock A. M.

Margaret Monahan

County Clerk and Recorder.

By Dolly Jane Doe  
Deputy

for 2.00

File No. ....

T. 65 R 7

DUPLICATE

County .....

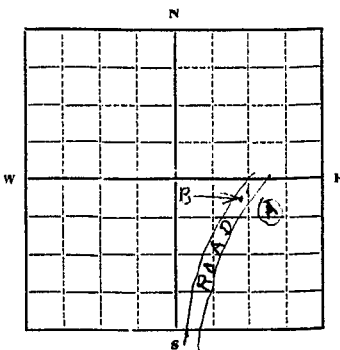
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Ralph E. Hepburn, of Gardiner  
(Name of Appropriator) (Address) (Town)  
County of Park State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 29, T. 6 S. R. 7 E

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

Sets 6 and 7

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1995 continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 7.5 gals. per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. By natural spring coming to the surface.

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

8. The depth of water table. Not known

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. Does not apply

10. The estimated amount of groundwater withdrawn each year. Based on 6 gals per day, 1800

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. Spring is shown at 2600 feet from south boundary line and 100 ft from center of road at point B. The location and the depth of the spring is as shown.

Signature of Owner. Ralph E. Hepburn

Date. Dec 19, 1963

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

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

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

19866

Doc. # 97966

Filed this 30 day of  
December A. D. 1963  
at 8:13 o'clock A M  
Margaret Monica  
County Clerk and Recorder.

to \_\_\_\_\_ Deputy  
fee \$2.00

File No. \_\_\_\_\_

T. 65 R. 7E

ORIGINAL

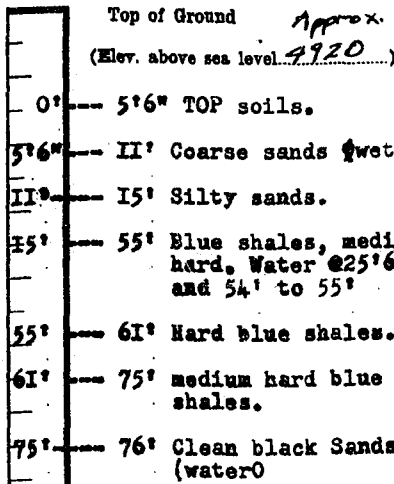
County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

**RECEIVED**  
OCT 22 1964

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

(Under Chapter 237, Montana Session Laws, 1961)

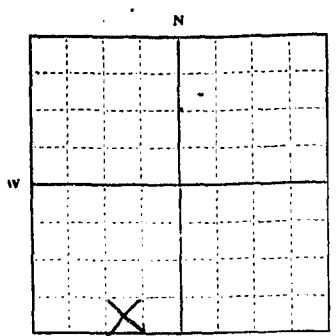


Owner: Montana Highway Dept. Address: Helena, Mont.  
 Driller: Van Dyken Drilling Co. Address: Bozeman, Mont.  
 Date of Notice of Appropriation of Groundwater: none  
 Date well started: Aug. 10/64 Date Completed: Aug. 17/64  
 Type of well: Drilled Equipment Used: Cable tools  
 (dig, driven, bored or drilled) (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.

Well located 7 miles south of Emigrant on highway 89

| Size of Drilled Hole | Size and Weight of Casing              | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|--|-------------|-----------|--------------|-------------|-----------|
|                      |  |             |           | Kind Size    | From (Feet) | To (Feet) |
| 6"                   | 6 5/8" O.D.<br>19# P.R.<br>Prime steel | 0'          | 53' 4"    | none         |             |           |



SE 1/4 SW 1/4 Sec. 23 T. 65 R. 7E  
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well: 8' feet.  
 Shut-in Pressure for Flowing Well: none  
 Pumping Water Level: 4' 7" drawdown at 20 gal. per minute.  
 Discharge in gal. per min. of flowing well: none  
 How Tested: Test Pump Length of Test: 6 Hrs.

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)

Well to be used for comfort station

License No. I

Driller's License Number

*Bob Van Dyken*  
 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.

STATE OF MONTANA

County of Gallatin } ss.

George A. Barrett having first been duly sworn, deposes and says that he of lawful age and Division Engineer of the Montana State Highway Commission and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name Div. Engineer Montana State Highway Commission subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

[Handwritten signature]

Subscribed and sworn to before me, this 16th day of September, 1967

[Handwritten signature] Notary Public for the State of Montana. Residing at: Bozeman, Montana. My Commission expires August 29, 1967

[Faint, illegible text]

1:01 o'clock P.M. Margaret Mowall, County Clerk and Registrar. No change

100685

854

File No. ....

T. 65 R. 7 E 23

DUPLICATE

County **Park**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**RECEIVED**  
OCT 21 1964

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

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground *Approx.*  
(Elev. above sea level *4920*)

0' --- 5'6" TOP soils.

5'6" --- 11' Coarse sands (wet)

11' --- 15' Silty sands.

15' --- 55' Blue shales, medium hard. Water @ 25'6" and 54' to 55'

55' --- 61' Hard blue shales.

61' --- 75' medium hard blue shales.

75' --- 76' Clean black Sands. (water 0)

Owner **Montana Highway Dept.** Address **Helena, Mont.**

Driller **Van Dyfen Drilling Co.** Address **Bozeman, Mont.**

Date of Notice of Appropriation of Groundwater **none**

Date well started **Aug. 10/64** Date Completed **Aug. 17/64**

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

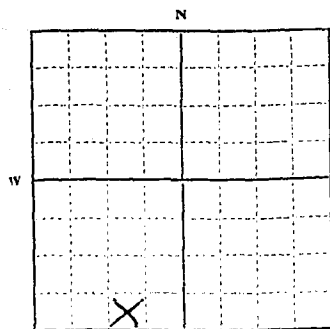
Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

T.D. 76'

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.

**Well located 7 miles south of Emigrant on highway # 89**

| Size of Drilled Hole | Size and Weight of Casing              | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|--|-------------|-----------|--------------|-------------|-----------|
|                      |  |             |           | Kind Size    | From (Feet) | To (Feet) |
| 6"                   | 6 5/8" O.D.<br>19# P.E.<br>Prime steel | 0'          | 53'4"     | none         |             |           |



SE 1/4 SW Sec. 23 T. 65 R. 7 E

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

Show exact depth of bottom.

Static Water Level for non-flowing Well **8'** feet.

Shut-in Pressure for Flowing Well **none**

Pumping Water Level **4'7" drawdown** feet at **20** gal. per minute.

Discharge in gal. per min. of flowing well **none**

How Tested **Test Pump** Length of Test **6 Hrs.**

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

**Well to be used for comfort station**

License No. **I**

Driller's License Number

*Bob Van Dyfen*  
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.

38585



Original filed  
in Park Co.  
17 Sep 1964  
Book 854 (7)  
Doc # 100685

File No. STATE WATER CONSERVATION BOARD

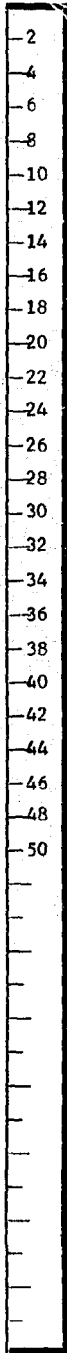
T 6 S R 7 E

DUPLICATE

NOV 23 1966

County Park

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Top of Ground (Elev. above sea level 4,070)
Top Soil and Clay

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner John A. Ragsdale Address Emigrant, Montana

Driller M. E. Jones Address Bozeman, Montana

Date of Notice of Appropriation of Groundwater November 22, 1966

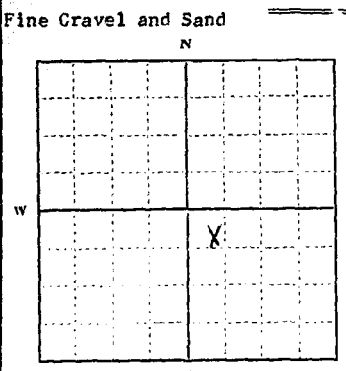
Date well started December 21, 1964 Date Completed December 28, 1964

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

Water Use: Domestic [ ] Municipal [ ] Other [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Stock [x]

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.

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



SE 1/4 Sec. 34 T. 6S R. 7E. Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well Ten (10) feet.

Shut-in Pressure for Flowing Well N/A

Pumping Water Level Fifty (50) feet at Twenty (20) gal. per minute.

Discharge in gal. per min. of flowing well N/A

How Tested PUMP 1 Length of Test One (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)

Show exact depth of bottom.

17
Driller's License Number
Milton E. Jones
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.

Handwritten number 11,134

#107856

22<sup>nd</sup>

November 22, 1966

1:35

Marquet Monical

Copying Clerk and Recorder

Deputy

Fee \$ 2.00

34

File No. ....

T. 65 R. 7E  
County Park

TRIPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

Top of Ground (Elev. above sea level DEC 2)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0' -- 2' top soils and clays  
2' -- 91' Sand, gravels and boulders.  
T.D. 916-60

Owner John A. Ragsdale, Emigrant, Mont.

Driller Van Dyken Drilling Co., Bozeman, Mont.

Date of Notice of Appropriation of Groundwater none

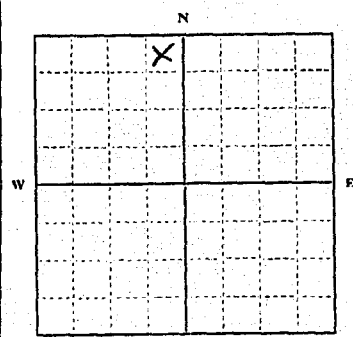
Date well started March 1/49 Date Completed March 4/49

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

Water Use: Domestic [x] 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) |
| 7"                   | 7" O.D.<br>24#            | 0'          | 91'       | none         |             |           |



NW 1/4 Sec 34 T. 65 R. 7E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 45' feet.

Shut-in Pressure for Flowing Well none

Pumping Water Level 65' feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested Bailer 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)

License No. I

Driller's License Number

Driller's Signature

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

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

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

13613

# 97785

Filed this 26th day of

December A. D. 1963

at 11:20 o'clock A. M.

Margaret Monreal

County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

J. P. 2. 20



#122863

Filed this 2nd day of

December A. D. 1971

1:03 P. M.

Margaret Sponicel  
County Clerk and Recorder.

By [Signature] Deputy

fee # 2.00





File No. ....

T 6S R 8E

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 9 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1883

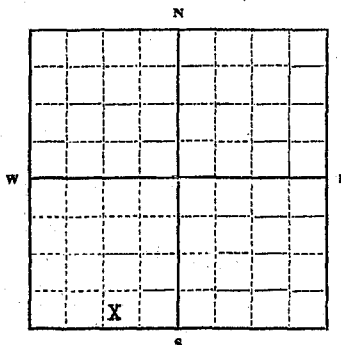
Owner Mrs. Knowles Address Emigrant

Contractor (if any) None

Address of Contractor

Date Started 1883 Date Completed 1963

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. By ditch - 1 foot deep, more or less.



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.

SW 1/4 Sec. 1 T6S R8E  
Indicate point of appropriation and place of use, if possible.

Quantity unknown. Used year-around for stock watering, and five months a year for irrigation.

Signature of Owner *Mrs. Knowles*

Date December 6, 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.

± 97396

Filed this 6<sup>th</sup> day of  
December A. D. 1963  
at 2:25 o'clock P.M.  
Marquette Municipal  
County Clerk and Recorder  
By Walter J. Lee  
Deputy

Lee - \$ 2.00

File No. ....

T. 6 S R 8 E

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1963  
STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater ap. 1885Owner JULIAN REED Address Chico, MontanaContractor (if any) UnknownAddress of Contractor UnknownDate Started Unknown Date Completed Unknown

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Large hot water spring, excavation done to deepen spring. Free-flowing spring with two 4" lines running from the spring to the Chico Hotel, used for domestic purposes and water in hotel. A 10" line running directly from spring to Chico Plunge used commercially as a swimming pool. Water runs continuously.

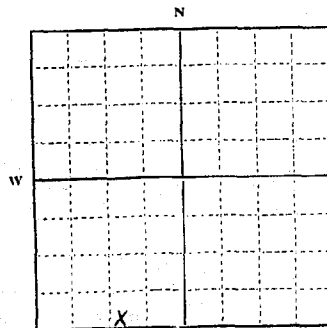
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. Continuous

use of 120 miner's inches of water. Contin-

uous change of water in Chico Plunge.

Runoff used for stockwater.

Signature of Owner Julian ReedDate December 31, 1963

SW 1/4 Sec. 1 T6 SR 8 E

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

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

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

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

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

# 98253

Filed this 31st day of  
December A. D. 1963  
at 3:41 o'clock P. M.

Margaret Mondal  
County Clerk and Recorder.  
By Conrad Powers  
Deputy

Fee \$2.00

April 17, 1973

Mr. Mark Taliaferro  
Pray, MT 59065

Dear Mr. Taliaferro:

This is in reply to your letter of April 13, 1973, and our telephone conversation on April 17, in reference to water-right filings made by George and Fern Lefgren in December of 1963.

We would suggest that one of the forms as filed by Mr. Lefgren be amended at the courthouse to show that at least one spring is developed (only you would know which form specifically refers to the developed spring). Make sure you indicate the dates started and completed, means or method used to develop the spring, amount of water claimed, and the beneficial use of the water. The county clerk and recorder should send us a copy of the amended filing.

The remaining undeveloped springs should be filed on a Notice of Appropriation form for surface water. You should be able to date the undeveloped springs (natural flowing) back to the date of appropriation, which Mr. Lefgren should be able to provide.

Please find enclosed the following:

(1) Notice of Appropriation form for surface waters only.  
Additional copies can be purchased at most major office supply stores in Montana.

(2) A pamphlet on Instructions for Filing a Surface Water Appropriation.

(3) A copy of S.B. 444, the Montana Water Use Act, which goes into effect on July 1, 1973.

If we can be of further assistance, please feel free to contact us at any time.

Sincerely,

Ronald J. Guse  
Groundwater Rights Coordinator  
WATER RESOURCES DIVISION

RJG/v  
Enclosures (3)

April 10, 1973

Mrs. Sara C. Taliaferro  
Pray, MT 59065

Dear Mrs. Taliaferro:

This is in reply to your April 9, 1973 letter requesting copies of filed appropriations on springs owned by George and Fern Lefgren.

Please find enclosed as per your request copies of two spring appropriation forms filed by George E. and Fern Mae Lefgren on December 17, 1963, document nos. 97599 and 97600.

We have some doubts about the legality of the two filed appropriations, since these particular forms are intended for developed springs; that is the reason for having two blanks (see copies as underlined in red) which state, "Date started" and "Date completed." Undeveloped springs (which these seem to be) should have been filed on a Notice of Appropriation form for surface waters. Please find enclosed a brief description of Developed and Undeveloped Springs.

As for the name change on the appropriations, we will note that you will be the new owners and attach a copy of your letter to the forms. We would suggest that you have the names changed on the original filed appropriations in the County Clerk and Records Office at Livingston, by means of affidavit or other appropriate means.

If we can be of further service, please feel free to call on us at any time.

Sincerely,

Ronald J. Guse  
Groundwater Rights Coordinator  
WATER RESOURCES DIVISION

RJG/v  
Enclosures (3)

File No. ....

T. 10 R. ....

DUPLICATE

County 12-24 .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 18 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1962

Owner George E. Lefgren Address Pray

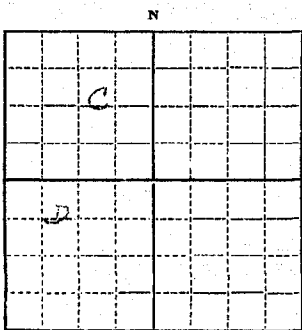
Contractor (if any) .....

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.

Surface spring water



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

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

.....4..... Sec. .... T. .... R. ....

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

C = NW 1/4 N 1/4 E 1/4, Sec 3, T 6 S, R 12 E

D = NW 1/4 N 1/4 SW 1/4, Sec 3, T 6 S, R 12 E

Signature of Owner George E. Lefgren

Date 12-19-63

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.

File No. ....

T. 105 R. 25

DUPLICATE

County Fairfax

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 18 1963

Notice of Completion of Groundwater Appropriation  
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1962

Owner George E. and Helen Mae Liferen Address Pray

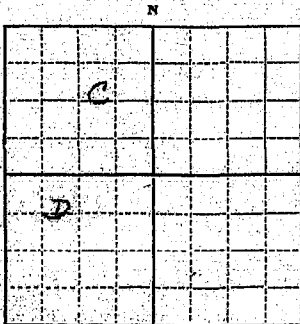
Contractor (if any) .....

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.

Surface spring water



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.....

C = 15 minutes

D = 20 minutes

1/4 Sec. T. R.  
Indicate point of appropriation and place of use, if possible.

C = NW 1/4 NE 1/4 NW 1/4; Sec. 3 T6 S R1 E

D = NE 1/4 NW 1/4 SW 1/4; Sec. 3 T6 S R1 E

Signature of Owner George E. Liferen

Date 12-1963

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

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

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

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



Sec. # 97599

Filed this 17th day of

December A. D. 1963

at 1:50 o'clock P. M.

Margaret Thomas

County Clerk and Recorder.

By Betty Jane Lee Deputy.

fee \$2.00



# 127330

Filed this 1st day of

March A. D. 1973

at 9:40 A. M.

Therese M. M. M.  
County Clerk and Registrar

By Betty Jane Lee  
Clk. Signature

Fee \$ 2.00

File No. ....

T. 6S R. 8E

DUPLICATE

County Park

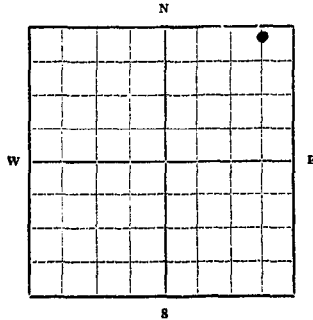
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1963

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

1. James R. Karnes & Ann Karnes, of Emigrant  
(Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec. 5 T6S R. 8E

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 household, drinking and garden use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1960. Well has been continuously used since that date for purposes listed above.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 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 8" steel casing, electric jet pump. The well is 2 yards from our house.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well was originally begun in Jan. of 1956. It ran dry in 1960 and was completely re-drilled in 1960

8. The depth of water table 125 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 It is a "deep well" and is 125 feet in depth

10. The estimated amount of groundwater withdrawn each year approximately 60,000 gallons

11. The log of formations encountered in the drilling of each well if available No information 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 The deed to the property wherein the well lies is found in Volume 93, Page 512, Clerk & Recorder's Office in Park County.

Signature of Owner James R. Karnes  
Ann Karnes

Date December 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.

20799

# 98228

Filed this 31 day of

Dec A. D. 1963

at 3:16 o'clock P. M.

Margaret Donical  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

fee \$ 2.00

File No. \_\_\_\_\_ MONTANA WATER RESOURCES BOARD  
**RECEIVED**  
 T. 6 S. R. 8 E  
 DUPLICATE  
 County Park

DEC 16 1969

LOG

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

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

0' 16' Large boulders and gravels.

16' 53' Claybound gravels with clay lenses. Wet @ 51'

53' 61' Claybound sands.

61' 68' Clean sands and gravels. Water.

T.D. 68'

Show exact depth of bottom.

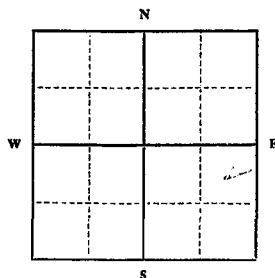
**Notice of Completion of Groundwater Appropriation by Means of Well**  
 DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Mrs. CLARA LEA Address BOZEMAN, MONTANA  
 Driller VAN DYKEN DRILLING CO. Address BOZEMAN, MONTANA  
 Date of Notice of appropriation of groundwater none  
 Date well started 9/16/69 Date completed 9/13/69  
 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

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"                   | 6/6 5/8" O.D. 17# per ft. Tested | 0'          | 68'       | none         |             |           |



Static Water Level for non-flowing well 27' feet.  
 Shut-in Pressure for Flowing Well none  
 Pumping Water Level 32' feet  
 at 30 gal. per minute.  
 Discharge in gal. per min. of flowing well none

How Tested Bailer  
 Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Puddled clay and cuttings outside of casing from 0' to 68'

1/4 Sec. 7 T. 6 S. R. 8 E.  
 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).

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 NO. 1  
 Driller's License Number  
 Driller's Signature Bert Van Dyken  
 Bert Van Dyken  
 45983

Doc. # 116768

Dated this 15<sup>th</sup> day of

December 1969

to Sec a

Margaret Monical  
Copy Clerk and Receiver.

By Scott J. [Signature] Deputy.

To \$ 2.00

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 VICTOR WARNICK  
Address LIVINGSTON, MONTANA  
Date well started 1/4/73  
completed 1/8/73

| For Administrator's Use |                     |
|-------------------------|---------------------|
| File                    | <u>127032</u>       |
| Date                    | <u>Feb. 2, 1973</u> |
| GW 1                    | <u>8:20 a.m.</u>    |

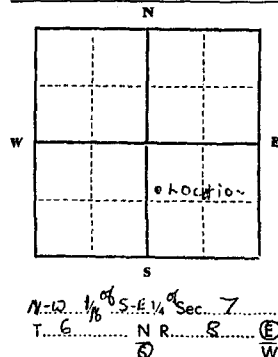
Type of well Drilled  
(Dug, driven, bored or drilled)  
Equipment used Cable tools.  
(Churn drill, rotary or other)

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"                   | 6 5/8" O.D. 17#           | 0           | 69        | none         |             |           |



Static water level 45 ft.\*  
Pumping water level 50 ft.\*  
at 25 gallons per minute,  
measured 60 minutes after pumping  
began.

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

Power..... Pump..... HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff) puddled clays and drill  
cuttings shutoff outside  
of casing from e' to  
67'

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) | Character                       |
|-------------|-----------|---------------------------------|
| 0           | 92        | Clays                           |
| 9           | 13        | Sands                           |
| 13          | 58        | Sand and gravels                |
| 58          | 67        | Claybound sand and gravels. Wet |
| 67          | 69        | Clean sand and gravels. Water   |

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

Driller's Signature VAN DYKEN DRILLING CO.  
Driller's Address Bozeman, Montana  
BOZEMAN, MONTANA LICENSE NO. 1

69' Show exact depth of bottom



# 127032

Filed 2<sup>nd</sup> Day of

February A. D. 1913

at 8:20 o'clock A.M.

Marquet Monroel  
County Clerk and Recorder

by Letty Paul Lee  
clerk

Fee \$ 2.00

RECORDED  
 STATE OF MONTANA

T. \_\_\_\_\_ R. \_\_\_\_\_  
 County \_\_\_\_\_ Park \_\_\_\_\_

MONTANA BUREAU OF MINES AND GEOLOGY  
 Butte, Montana

WATER WELL LOG

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

Owner... Eleanor A. Schueren... Address... Pray, Montana  
 Driller... Van Dyke Drilling Company... Address... Bozeman, Montana  
 Date Started... October 22, 1957... Date Completed... October 23, 1957  
 Location: Sec. 8 T. 6 S. R. 8 E. ¼ sec. S.W.

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

Water use: Domestic  Municipal  Stock  Irrigation   
 Industrial  Drainage  Other: \_\_\_\_\_

Casing: Surface... ft. to 37.6" ft. Type PE Stasl Size 6-5/8" OD Revealed 17'

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: ... 16 ... feet.

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

Pumping water level ... 30 ft. ... feet at ... 20 ... gal. per min.

How tested: ... Bailer

Length of test ... 1 hr.

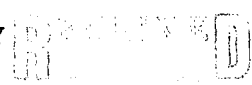
Remarks: (Gravel packing, cementing, packers type of shut-off, depth of shut-off)

Well @ home place for irrigation (over)



T. 6 S. R. 8 E  
County Park

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana



WATER WELL LOG

STATE ENGINEER

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

Owner Charles A. Schuven Address Gray

Driller Van Dyken Drilling Co. Address Bozeman

Date Started Oct. 26/61 Date Completed Oct. 27/61

Location: Sec. 8 T. 6 S. R. 8 E 1/4 sec. S.W.

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 34 ft. Type Prime steel Size 1 5/8" O.D. 17# P.E.

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: 20 feet.

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

Pumping water level: 24 feet at 20 gal. per min.

How tested: Bailer

Length of test: 1 hr.

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

(over)



Butte  
STATE

T. \_\_\_\_\_ R. \_\_\_\_\_

County \_\_\_\_\_ Park \_\_\_\_\_

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

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

Owner Eleanore A. Schueren Address Pray, Montana

Driller Van Dyken Drilling Company Address Bozeman, Montana

Date Started October 19, 1957 Date Completed Oct. 21, 1957

Location: Sec. 8 T. 6 S. R. 8 E. 1/4 sec. SW

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: \_\_\_\_\_

Casing: Surface \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type P.E. Beveled Steel Size 6-5/8" O.D. 17#

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 12 to ft. 22 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations 3/8" x .4" Slot

Static Water level, for non-flowing well: 10 feet.

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

Pumping water level 9 ft. drawdown feet at 28 G.P.M. gal. per min.

How tested: Ball

Length of test 1 hr.

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)

(Well No. 2 @ helps house)



12

File No. ....

T. 6S R. 8E

DUPLICATE

County PARK

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1963  
STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... approximately 1880

Owner... JULIAN READ Address... Chico, Montana

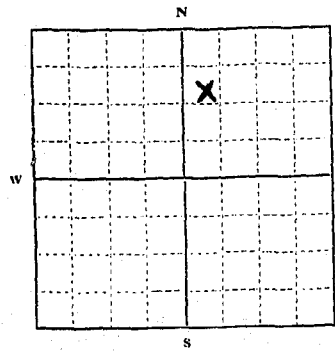
Contractor (if any) ... Unknown

Address of Contractor ... Unknown

Date Started... Unknown Date Completed... Unknown

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. spring has been excavated at the source, flowing water a dis. of 325' to Chico Lake. Chico Lake has a dam const. at North end with an 8" wood line leading from lake to Chico Hotel. Water used for domestic and irrigation purposes.

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. ap. 45 miner's inches. Used continuously throughout the year.



NW 1/4 NE 1/4 Sec. 12, T. 6S R. 8E

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

Signature of Owner... Julian Read

Date December 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.



#98251

Filed this 31 day of  
Dec A. D. 1963  
at 3:39 o'clock P. M.  
Margaret Inonical  
County Clerk and Recorder.

By fee at 2<sup>00</sup> Deputy.

GW3

File No.....

T6S R8E

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 9 1963

STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1900.....

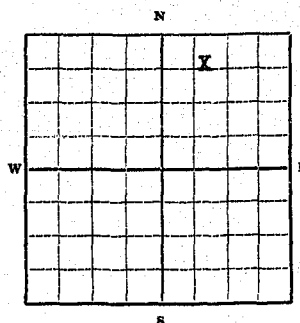
Owner James Knowles Address Emigrant, Montana

Contractor (if any) None.....

Address of Contractor .....

Date Started 1900..... Date Completed 1902.....

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



NE 1/4..... Sec. 12. T6S. R.8E

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

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

Quantity unknown.....

Used all year for domestic purposes and

stock watering.

Signature of Owner Doray J. Pierce  
Mat. L. Pierce

Date December 6, 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 School of Mines and Quadruplicate for the Appropriator.

8179

# 97395

Filed this 6<sup>th</sup> day of  
December A. D. 1963  
at 2:20 o'clock P. M.  
Margaret Ironical  
County Clerk and Recorder.

fee \$ 2.00

Dishes

File No.....

T. 6 S R 8 E

DUPLICATE

County Park

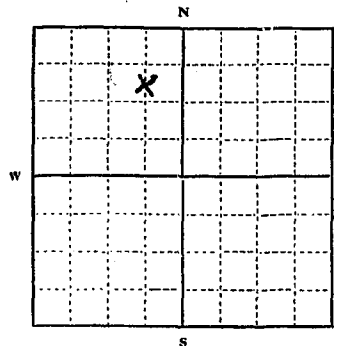
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights **RECEIVED**  
JAN 3 1963

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. JULIAN REED, of Chico  
(Name of Appropriator) (Address) (Town)  
County of Park State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 21° W 1/4 Sec. 19 T. 6 S R. 8 E

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

2. The beneficial use on which the claim is based.....  
Domestic and stock water and subirrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
approximately 1885, exact date unknown.
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
A. Well-10"; B. Spring-35 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.....  
N/A
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
A. A cribbed concrete well, 6" casing, 1/2 H.P. Pump, piped from well to stock trough and to house. B. Excavation done at source to increase flow.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
exact dates unknown, early 1900's.
8. The depth of water table.....  
unknown.
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.....  
A. A cribbed concrete well, 6" casing, 1/2 H.P. Pump, piped from well to stock trough and to house. B. Excavation done at source to increase flow.
10. The estimated amount of groundwater withdrawn each year.....  
35 miner's inches from spring. Approximately 10 miner's inches from well.
11. The log of formations encountered in the drilling of each well if available.....  
unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....  
unknown

Signature of Owner Julian ReedDate December 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.

20816