

438796

18252

STATE OF MONTANA  
County of Valley

DEC 27 1965

*4:00 P.*  
MARY LOU EISE Clerk & Recorder  
Valley County

File No. ....

T. 35 R. 43

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECORDED  
JAN 16 1964

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 23, 1963

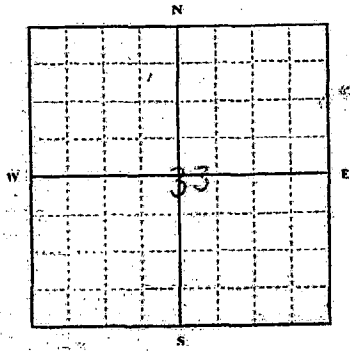
Owner Agnes U. Gauthier address Richland, Mont.

Contractor (if any) .....

Address of Contractor .....

Date Started July 16, 1961 Date Completed July 15, 1961

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



NE 1/4 NE Sec. 33 T. 35 R. 43

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. the use is intermittent and is used for 60 head of cattle for two months.

Signature of Owner Agnes U. Gauthier

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.

438798

18254

STATE OF MONTANA, }  
County of Valley. }

Filed for record

DEC 27 1963

By 4.00 L. M.  
MARY LOUISE Clerk & Recorder  
Valley County

File No. ....

T 35 R 43

County Valley

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

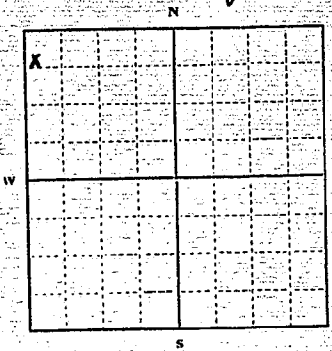
JAN 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Alfred M. Dighans of Richland, Montana  
(Name of Appropriator) (Address) (Town)  
County of Valley State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NW Sec. 35 T. 35 R. 43

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 & household
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1947
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 5 gallons
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. None
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. jet 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. 36 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. 4.8 ft deep 1.6 inch hole casing jet type pump pressure system
- 10. The estimated amount of groundwater withdrawn each year. 109,500
- 11. The log of formations encountered in the drilling of each well if available. None available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None available

Signature of Owner Alfred M. Dighans  
Date Dec. 30, 1963

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

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

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

37890

438846

18278

STATE OF MONTANA  
County of Valley

Filed for record

DEC 30 1968

*Mary Lou*  
MARY LOU [Signature] Clerk & Recorder

Valley County

Examined by [Signature]  
[Signature]  
[Signature]

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

T 35 R 43

DUPLICATE

County Valley

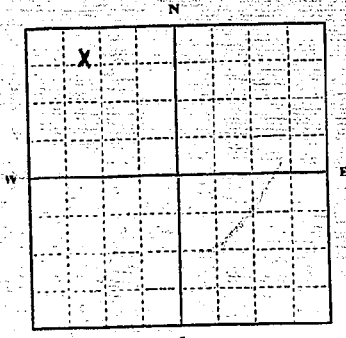
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alfred M. Dighere of Billard Montana  
(Name of Appropriator) (Address) (Town)  
County of Valley State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 N.W. Sec. 35 T. 35 R. 43  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based Stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956 continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump pit

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1956
- 8. The depth of water table 54
- 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 89 ft 16 inch tile casing 3 1/2 inch cylinder 1 1/4 pipe
- 10. The estimated amount of groundwater withdrawn each year 1,095,000
- 11. The log of formations encountered in the drilling of each well if available none available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Alfred M. Dighere  
Date Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.  
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

37893

438848

18280

STATE OF MONTANA,  
County of Valley

For and to the use of

DEC 30 1963

*100* *P. 21*  
MARY LOU EIDE Clerk & Recorder  
Valley County

By \_\_\_\_\_

File No. ....

T. 35 R 43

DUPLICATE

County Yellow

JAN 17 1964

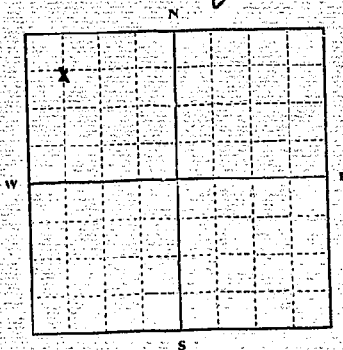
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alfred N. Diefenau of Richland, Montana  
(Name of Appropriator) (Address) (Town)  
County of Yellow State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 NW Sec. 35 T. 35 R. 43

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

- 2. The beneficial use on which the claim is based stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10
- 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 pumpjack
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1943
- 8. The depth of water table 40 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 54 ft 16 inch well casing 3 1/2 inch cylinder 1 1/2 pipe
- 10. The estimated amount of groundwater withdrawn each year 730,000
- 11. The log of formations encountered in the drilling of each well if available None available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Alfred N. Diefenau  
Date Dec. 30, 1963

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

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

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

37892



438847

18279

STATE OF MONTANA }  
County of Valley }  
Filed for record

DEC 30 1963

at 1100 o'clock P. M.  
**MARY LOU HINE** Clerk & Recorder  
County Recorder  
Valley County  
By \_\_\_\_\_ Deputy

File No. STATE WATER CONSERVATION BOARD

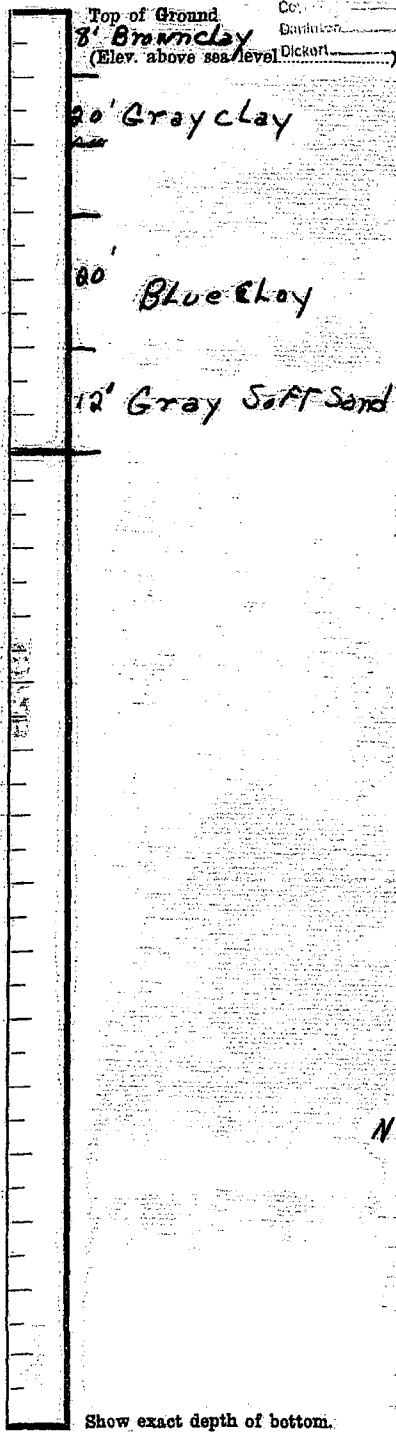
T. 35 R. 43

DUPLICATE

MAR 29 1967

County Valley

LOG File No. \_\_\_\_\_ District \_\_\_\_\_ STATE OF MONTANA  
Bureau No. \_\_\_\_\_ ADMINISTRATOR OF GROUNDWATER CODE  
Co. \_\_\_\_\_ Section \_\_\_\_\_ OFFICE OF STATE ENGINEER  
Operator \_\_\_\_\_ Sheriff \_\_\_\_\_



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

(Under Chapter 237, Montana Session Laws, 1961)

Owner AL Fred N. Dighears Address Richland

Driller AL Fred N. Dighears Address Richland

Date of Notice of appropriation of groundwater Feb. 14, 1967

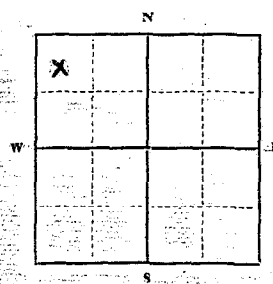
Date well started Oct. 1, 1965 Date completed Oct. 2, 1965

Type of well Dug Equipment used Hand Dug  
(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) |
| 16"                  | 12" gal.                  | 1           | 60        | 1/4"         | 35          | 60        |



Static Water Level for non-flowing well 12 ft from top

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 20 ft from top at 10 gal. per minute.

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

How Tested duck and type pump

Length of Test 2.4 hrs

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

N.W. 1/4 Sec. 35 T. 35 R. 43  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

12" casing per ground fall and leading up to 11' from top

(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).

Stock water well

Show exact depth of bottom.

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

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

Driller's License Number \_\_\_\_\_

AL Fred N. Dighears  
Driller's Signature

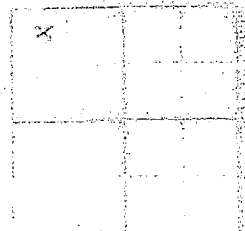
41832

19728

STATE OF MONTANA, }  
County of Valley, }  
Filed for record

MAR 28 1967

at 2:00 o'clock P. M.  
Mary Lou Galt  
County Recorder  
Paul J. Galt Deput



*[Faint, mostly illegible text and markings, possibly bleed-through from the reverse side of the page.]*

| Sec. | Appropriator       | Type Form | County File # |
|------|--------------------|-----------|---------------|
| 2    | Arnold, Ray        | Well log  | H24344        |
| 12   | " "                | " "       | H24343        |
| 15   | Dartman, Bob       | " "       | H25359        |
| 17   | Mogan, Bros        | GW#       | H39217        |
| 31   | Lacock, Sherman R. | GW#       | H38589        |
| 33   | Johnsuel, Sophie J | GW3       | H39019        |

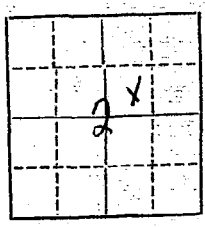
T. 34 R. 35 2  
County Valley

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana



WATER WELL LOG

STATE ENGINEER  
Address: Helena, Mont



Owner: Ray Wood Address: Helena, Mont  
Driller: Ray Woods Address: Regina, Mont  
Date Started: Sept 5, 1961 Date Completed: Sept 7, 1961  
Location: Sec. 2 T. 34 R. 35 1/4 sec. SW NE

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

Water use: Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 336 ft. Type: RL Size: 4 1/2"

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

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

Perforated or Screened: Ft. 210 to ft. 336 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: 3/8" holes

Static Water level, for non-flowing well: 80 feet.

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

Pumping water level: 147 feet at 5 gal. per min.

How tested: bailed

Length of test: 5 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
0-15ft 6 inch surface casing



12

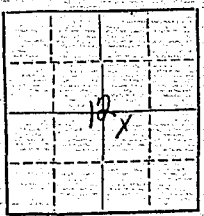
T. 34 R. 35  
County Valley

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
1961

WATER WELL LOG

STATE ENGINEER



Owner Ray Arnold Address Winifred, Mont.  
Driller Ray Arnold Address Logan, Mont.  
Date Started Aug 28, 1961 Date Completed Aug 31, 1961  
Location: Sec. 12 T. 34 R. 35 1/4 sec. NE SE

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

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

Casing: 0 ft. to 286 ft. Type BL Size 6 3/4"

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

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

Perforated or Screened: Ft. 105 to ft. 278 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations 3/8" holes

Static Water level, for non-flowing well: 43 feet feet.

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

Pumping water level 90 feet at 5 gal. per min.

How tested: pumped

Length of test 6 hours

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

(over)

Log of Well

| Depth, feet |     | Description of Material Drilled |
|-------------|-----|---------------------------------|
| From        | To  |                                 |
| 0           | 17  | clay                            |
| 17          | 21  | sand and gravel                 |
| 21          | 136 | Judith River formation          |
| 136         | 138 | Rock 19"                        |
| 138         | 203 | Judith River formation          |
| 203         | 204 | Rock 5"                         |
| 204         | 210 | Judith River formation          |
| 210         | 212 | Rock 17"                        |
| 212         | 225 | Judith River formation          |
| 225         | 238 | Rock 37"                        |
| 238         | 286 | Judith River formation          |

424343

17052

STATE OF MONTANA,  
 County of Valley, ss.  
 Filed for record  
 SEP 12 1961  
 at 11:55 o'clock P.M.  
 Mary Jane B. [unclear]  
 County Recorder  
 By [unclear] Deputy

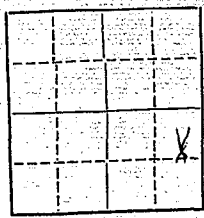


15

T. 34N R. 35E  
County Valley

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG



Owner Bob Distin Address Husdale  
Driller Carl Pohn Address See  
Date Started 10/13 Date Completed 11/6/61  
Location: Sec. 15 T. 34 R. 35 1/4 sec. SE

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

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

Casing: Top ft. to 240 ft. Type Gal. P.P. Size 4 1/2 x 5 1/2

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

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

Perforated or Screened: Ft. 110 to ft. 57 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations 6" x 1/2"

Static Water level, for non-flowing well: 110 feet.

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

Pumping water level: 110 feet at 10 gal. per min.

How tested: Flowing

Length of test: 1 1/2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
Flowing well in Husdale, Valley County  
11/6/61

(over)





GW

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

File No.

T. 34 R. 35

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

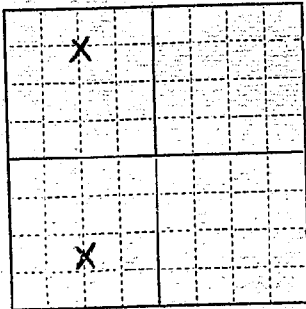
R  
JAN 16 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, MOGAN BROTHERS, of Hinsdale  
(Name of Appropriator) (Address) (Town)

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



SW $\frac{1}{4}$ , NW $\frac{1}{4}$

$\frac{1}{4}$  Sec. 17 T. 34 R. 35  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

1. Stock well
2. Household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
  1. 1940 - continuous
  2. 1915 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute):
  1. 10 gallons per minute
  2. 5 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
  1. Electric pump
  2. Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
  1. 1940
  2. 1915
8. The depth of water table:
  1. 15 feet
  2. 45 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:
  1. 17' deep, 24" casing, 1" pipe
  2. 50' deep, 18" casing, 1 1/2" pipe
10. The estimated amount of groundwater withdrawn each year:
  1. 300,000 gallons per year
  2. 25,000 gallons per year
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

*Mogan Bros*  
*Robert B Mogan*

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.

37054

439217

18629

STATE OF MONTANA  
County of Valley

Filed for record

DEC 31 1963

at Helena P.M.

**MARY LOU** Recorder

By Valley County

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

I, the undersigned, being a duly qualified  
 Recorder of the County of Valley, State of  
 Montana, do hereby certify that the foregoing  
 is a true and correct copy of the original  
 as the same appears from the records of  
 said County.

This document is subject to the provisions of  
 the Montana Public Access Law, which provides  
 that certain records are available to the public  
 through electronic means.

31

File No. ....

T. 34 R. 35  
County Valley

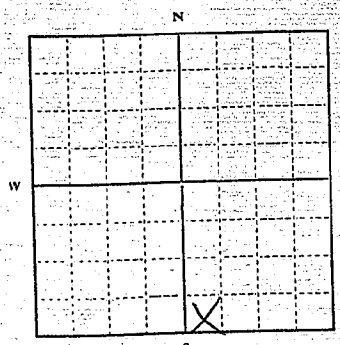
DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

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

1. Sherman R. Laroach, of Box 134, Hinsdale  
(Name of Appropriator) (Address) (Town)  
County of Valley State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 SE Sec. 31 T. 34 R. 35

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

- 2. The beneficial use on which the claim is based... livestock water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1920 - used continuously until 1952 for household & livestock, then continuously for livestock
- 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 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 gravity flow SW 1/4 of SE 1/4 of Sec 31, Township 34, Range 35
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1970
- 8. The depth of water table. 3 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 1 1/2" plastic pipe 100 feet of 4" soil pipe + 30 feet of
- 10. The estimated amount of groundwater withdrawn each year 500,000 gallons
- 11. The log of formations encountered in the drilling of each well if available 6 feet Clay loam, 3 feet 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 Sherman R. Laroach  
Date Dec 13, 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.

15977

438589

18104

STATE OF MONTANA, } ss.  
County of Valley.

Filed for record

DEC 23 1963

at 10:00 o'clock A. M.

MARY LOU EIDE, Clerk & Recorder

Valley County

*Pauline Johnson* Deputy

GW3

File No. ....

DUPLICATE

T. 34 R. 35 33  
County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

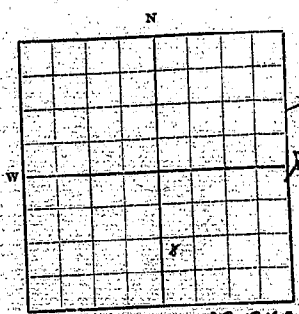
R  
JAN 17 1964

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater .....  
Owner ..... Address .....  
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 ground surface flow in average rain fall year.



N 1/4 Sec 36 T. 33 R. 35

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. Early Spring till middle of July with adverse weather conditions

Signature of Owner S. J. Johnson  
Date Dec 30 1963

This form to be prepared by contractor (if any), otherwise by the owner.  
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.  
Please answer all questions. If not applicable, so state, otherwise the form will be returned.  
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.



439019

18446

STATE OF MONTANA, }  
County of Valley, }

Filed for record

DEC 30 1963

at 3:40 o'clock P.

MARY LOUEIDE Clark Clerk & Recorder  
Valley County



GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—3931

File No. ....

T. 34 R. 36

DUPLICATE

County Valley

STATE OF MONTANA **RECEIVED**  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER DEC 19 1963

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner HAROLD LURAAS Address Hinsdale, Montana

Driller HAROLD LURAAS Address Hinsdale, Montana

Date of Notice of Appropriation of Groundwater December 13, 1963

Date well started November 15, 1963, Date Completed Dec. 10, 1963

Type of well Dug and driven Equipment Used Hand dug  
(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 |             |           |
|---------------------------------|---------------------------|-------------|-------------------|--------------|-------------|-----------|
|                                 |                           |             |                   | Kid Size     | From (Feet) | To (Feet) |
| 15' hand dug<br>3 1/2' x 3 1/2' | 1 1/2" pipe 0             | 23'         | Clay & Gumbo sand | 0<br>12'     | 12'<br>23'  |           |

Static Water Level for non-flowing Well 23' feet.

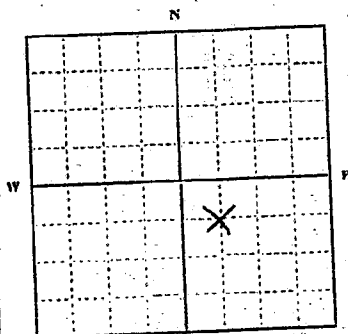
Shut-in Pressure for Flowing Well .....

Pumping Water Level 20 1/2 feet at 5 gal. per minute.

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

How Tested Pumping Length of Test 30 minutes

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) .....



NW 1/4 SE Sec. 4 T. 34 R. 36  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

None  
Driller's License Number  
Harold Luraas  
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.

10574



| Sec. | Appropriator           | Form                | County<br>File # |
|------|------------------------|---------------------|------------------|
| 19   | Hinsdale limestone Co. | GW 3 <sup>2</sup> H | 439147           |
| 31   | " " "                  | GW 2                | 19400            |
| 31   | " " "                  | GW 2                | 19401            |
| 31   | " " "                  | GW 3 <sup>2</sup> H | 439144           |

File No. ....

T. 34-38 N 37  
34  
County Valley

DUPLICATE

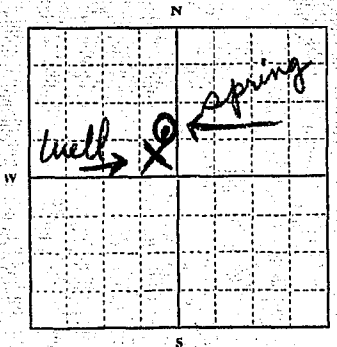
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

D  
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Hinsdale Livestock Company of Box 429, Glasgow  
(Name of Appropriator) (Address) (Town)  
County of Valley State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW Sec. 19, T. 34, R. 37

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 stockwater well and spring

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955 used continuously each winter for about five months

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

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 1955

8. The depth of water table 40

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

10. The estimated amount of groundwater withdrawn each year 225,000

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

Hinsdale Livestock Company  
Signature of Owner By Mrs. Stohut  
President.  
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.

36986



File No. STATE WATER CONSERVATION BOARD

T 3411 R 37831

DUPLICATE

JAN 18 1966

County Valley

Bill M. Dermott  
B. M. M. M.  
Co. M. M. M.  
District M. M. M.

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner *General Contracting Co.* Address *Glasgow*

Driller *Walter Luse* Address *Glasgow*

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

Date well started *July 21* Date Completed *July 22*

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

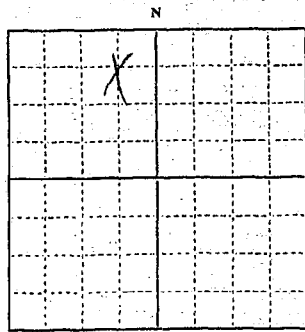
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.



16 *sandy clay*  
20.6 *gravel*  
24 *clay*

56 *sandwater*  
58 *coarse sand or light gravel*

| Size of Drilled Hole | Size and Weight of Casing               | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|---|-------------|-----------|--------------|-------------|-----------|
|                      |   |             |           | Kind Size    | From (Feet) | To (Feet) |
| <i>5 in</i>          | <i>4 1/2 galv</i><br><i>7 3/4 lb/ft</i> |             |           |              |             |           |



NW 1/4 Sec. 31 T. 34 R. 37

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..... feet.

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

Pumping Water Level *34.17 ft* feet at *15* gal. per minute.

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

How Tested *Failed* Length of Test *3 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).....

44  
Driller's License Number

*Walter Luse*  
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.

40764





File No. ....

JAN 18 1962

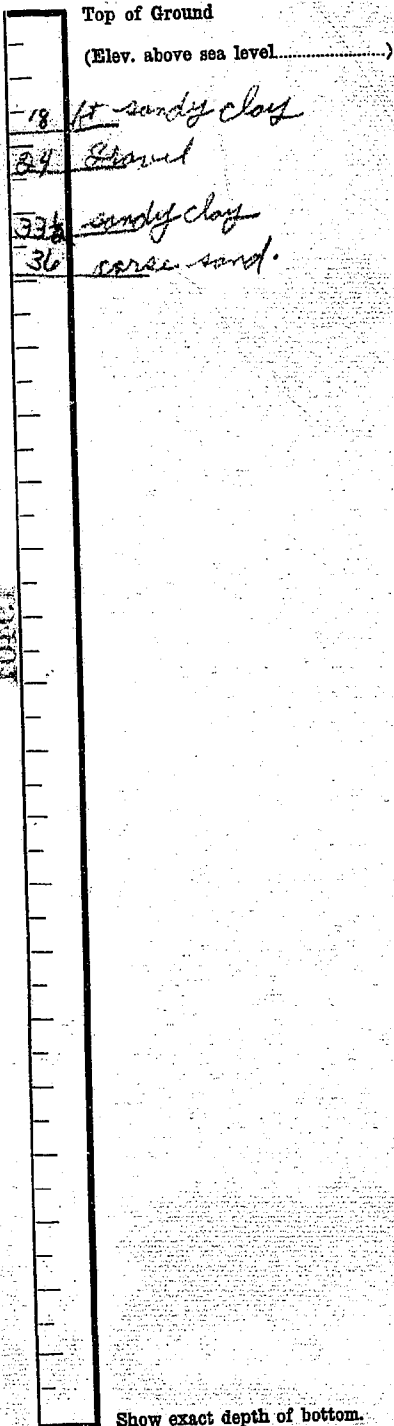
T. 34 N. R. 37 E. S. 31

DUPLICATE

Bliss \_\_\_\_\_ Mc Dermott \_\_\_\_\_  
Baird \_\_\_\_\_ Mc Nulty \_\_\_\_\_  
Coffey \_\_\_\_\_ Murion \_\_\_\_\_  
LOG \_\_\_\_\_ Sullivan \_\_\_\_\_  
Dickert \_\_\_\_\_

County Valley

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 Shindler Investment Co. Address.....

Driller Walter Luse Address Helena, Mont.

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

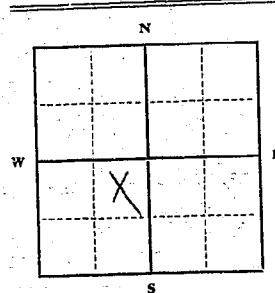
Date well started 11/11/61 Date completed 11/8/61

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS: |             |           |
|----------------------|---------------------------|-------------|-----------|---------------|-------------|-----------|
|                      |                           |             |           | Kind Size     | From (Feet) | To (Feet) |
| <u>1 1/2"</u>        | <u>14 lb galv. pipe</u>   |             |           |               |             |           |



Static Water Level for non-flowing well 1 foot from bottom feet.  
Shut-in Pressure for Flowing Well.....  
Pumping Water Level 1 1/2 feet from bottom feet  
at 5 gal. per minute.  
Discharge in gal. per min. of flowing well.....

How Tested Bailed  
Length of Test 2 hrs.

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

BW  
..... 1/4 Sec. 31 T. 34 R. 37  
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.

44  
Driller's License Number  
Walter Luse  
Driller's Signature  
40763

Show exact depth of bottom.

19401

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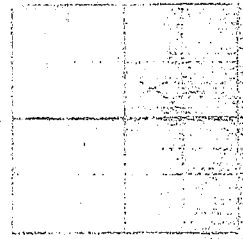
STATE OF MONTANA }  
County of Valley } ss.  
Filed for record

JAN 17 1966

10:00 o'clock A. M.

*Mary Lou ...*  
County Recorder

By \_\_\_\_\_ De



RECEIVED

GW

File No.

T. 34 R. 37

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

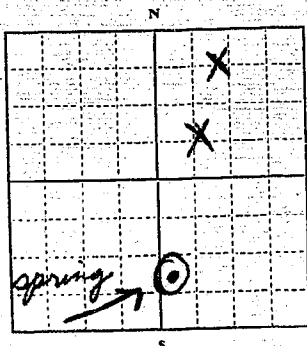
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Hinsdale Livestock Company, of Box 429, Glasgow, Montana  
(Name of Appropriator) (Address) (Town)

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



E 1/4 NE Sec. 37, T. 34, R. 37

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 ranch home dwelling and stock water well plus one spring

3. Date or approximate date of earliest beneficial use; and how continuous the use has been dwelling well before 1949 other well since 1955 spring continuous flow dwelling well also waters stock and is well furthest north

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute dwelling well  
10 " stockwater "  
3 gal per minute from spring

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. Before 1949 dwellings and since 1955 stockwater well

8. The depth of water table. 100-30 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. dwellings well 100 ft  
stockwater " 60 ft

10. The estimated amount of groundwater withdrawn each year. dwellings & stockwater 100,000 gal  
stockwater 250,000 "

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

Hinsdale Livestock Company  
Signature of Owner By: [Signature]  
President  
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.

36983

439144 18557

STATE OF MONTANA  
COUNTY OF

DEC 31 1963

*2120*  
MARY LOU [unclear] Recorder  
[unclear] Yellowstone County



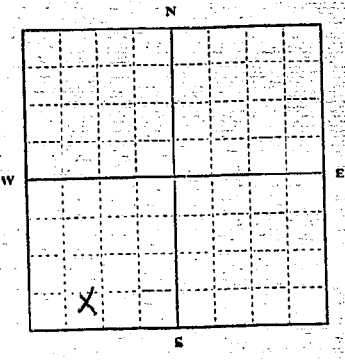
File No.   
 DUPLICATE

T. 39 R. 39  
County  
**RECEIVED**  
DEC 30 1963

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

1. Alvin Marion Lindahl, of Route 1 Ophir  
(Name of Appropriator) (Address) (Town)  
County of Valley State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



5 1/2 S. E. 1/4 Sec 34 T. 39 R.

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

- The beneficial use on which the claim is based Water for 300 ewes & lambs
- Date or approximate date of earliest beneficial use; and how continuous the use has been. 2 to 3 months a year. Has been in use for about 38 years.
- The amount of groundwater claimed (in miner's inches or gallons per minute) 1/2 gallon per minute.
- 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 applicable.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. This is a spring that runs out of ground from a pipe 8 months of the year. Also has piston pump if needed.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Dug out and put in steel curb with cement set in 1953.
- The depth of water table 17 feet.
- 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. Round curb with 7 1/2" diameter 17 feet deep.
- The estimated amount of groundwater withdrawn each year 7000 gallons.
- The log of formations encountered in the drilling of each well if available. Black loam 2 feet gravelly clay 16 feet to dark shale.
- 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. This is a developed spring piped from bottom of spring 1000 feet. Supplies water to two pastures.

Signature of Owner A. M. Lindahl  
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.

15717

438618

18119

STATE OF MONTANA } ss.  
County of Valley. }

Filed for record

DEC 23 1963

<sup>1/20</sup>  
MARY LOU HEE Clerk & Recorder  
Valley County

*Pauline J. ...* Deputy



| Sec | Appropriator                        | Form    | County File # |
|-----|-------------------------------------|---------|---------------|
| 2   | Miller, Theodore J.<br>and Colleen  | GW&H    | H39189        |
| 5   | Edwards, Wayne A.                   | " H     | H38616        |
| 5   | Miller, Hazel                       | " H     | H39187        |
| 7   | Edwards, Wayne A.                   | " H     | H38617        |
| 11  | Hannud, L. O.                       | " H     | H38850        |
| 16  | Asleson, Geo. A & Elmer             | " H     | H39011        |
| 18  | Fauth, Gilbert                      | " H     | H39079        |
| 19  | Lindahl, Alvin M.                   | " H     | H38619        |
| 19  | " " "                               | weillog | H24885        |
| 20  | Fauth, Gilbert                      | GW&H    | H39075        |
| 33  | Reimche, Clarence R.<br>and Sina M. | GW&H    | H38158        |
| 33  | Ward, Laura ETTA                    | " H     | H38438        |
| 34  | Carlson, Courtney A.                | GW2     | H90060        |
| 34  | " " "                               | GW&H    | 19306         |
| 35  | " " "                               | " 3     | 19307         |
| 35  | Ward, Laura ETTA                    | " H     | H38439        |

GW

File No. ....

T. 34 R. 40

DUPLICATE

County Valley

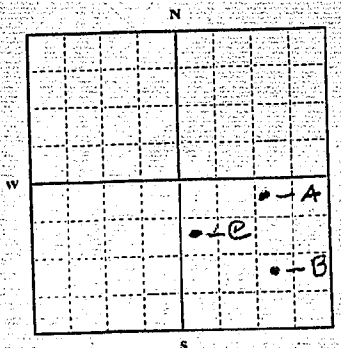
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Theodore J. Miller and Colleen, of Box 102, Opheim,  
rights of submitter (Appropriator) (Address) (Town)  
State of Montana  
County of Valley  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 2 T. 34 R. 40

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 watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1927; 8 months out of every year since 1927.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) a. - 1 gal. per minute; b. - 1 gal. per minute; c. - 1/2 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 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 a. - surface flowing; b. - surface flowing; c. - cylinder type pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater a. - used as were until 1954 when 7' excavation was made. b. - used as was until 1954 when 7' excavation was made. c. - commenced in 1927 and completed 1940.
8. The depth of water table a. - surface flowing; b. - surface flowing; c. - depth to water table 20' with 2' water depth.
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. - 40'x40'x7' excavation at surface; b. - 40x40'x7' excavation at surface; c. - cement curbing 20' deep 2' foot in diameter with 2 1/2" cylinder leather type pump.
10. The estimated amount of groundwater withdrawn each year a. - 288,000 gal. est. used. b. - 288,000 gal. c. - 144,000 gal.
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Colleen A. Miller  
Theodore J. Miller  
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.

439189

18601

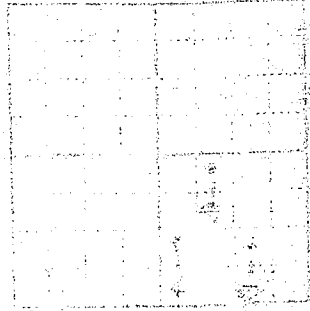
1 1/2  
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WEST 20 1/2

STATE OF MICHIGAN  
County of [unclear]  
Recorder's Office

DEC 3 1969

3:44 P

MARY LOUISE [unclear] Recorder



1. [unclear]  
2. [unclear]  
3. [unclear]  
4. [unclear]  
5. [unclear]  
6. [unclear]  
7. [unclear]  
8. [unclear]  
9. [unclear]  
10. [unclear]

File No.

T. 34 N. R. 40 E

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

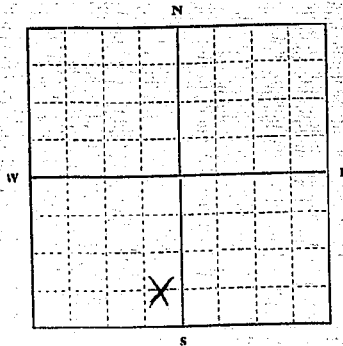
RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. <sup>A</sup>WAYNE EDWARDS, of Opheim, (Name of Appropriator) (Address) (Town)

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



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

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

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

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... 7' deep pit x 100' diameter -- spring

SE 1/4 SW Sec. 5 T. 34 R. 40

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1957 - 1960 -- dug out spring

8. The depth of water table... 4 feet deep to water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... This is a spring -- 7' deep -- 100' diameter

10. The estimated amount of groundwater withdrawn each year... 1,000,000 gallons per year

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

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

Signature of Owner Wayne A. Edwards

Date December 20, 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.

15776

438616

18117

STATE OF MONTANA, } ss.  
County of Valley, }

Filed for record

DEC 23 1963

<sup>11:45</sup>  
MARY LOU EIDE Clerk & Recorder  
Valley County

*Pauline Johnson* Deputy

GW

File No. ....

T. 34 N. R. 40 E

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

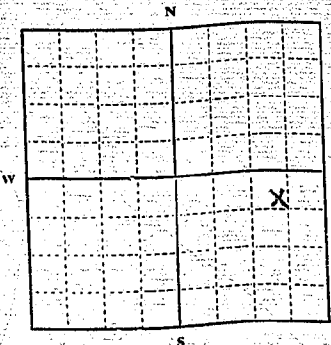
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mrs. Hazel Miller (Name of Appropriator) of R1-226 (Address) Glasgow (Town)

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



NE 1/4 SE Sec 5 T 34 R 40

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

- 2. The beneficial use on which the claim is based stock water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been excavated 1954 and continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 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 not for irrigation
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal surface flowing well through pipe into stock tank in NW 1/4 NE 1/4 Sec 5 T34 R40
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1954 construction and completion
- 8. The depth of water table surface flowing, 4' diameter 6' deep
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4' diameter 6' deep steel casing, flows through pipe to tank
- 10. The estimated amount of groundwater withdrawn each year 147,600 gal per year
- 11. The log of formations encountered in the drilling of each well if available None
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Mrs Hazel Miller

Date .....

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

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

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

37024

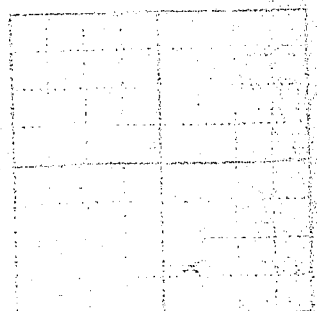
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STATE OF MONTANA,  
County of Valley

DEC 21 1963

MARY LOU [unclear] Recorder  
Valley County





GT

File No.

T 34 N R. 40 E

DUPLICATE

County Valley

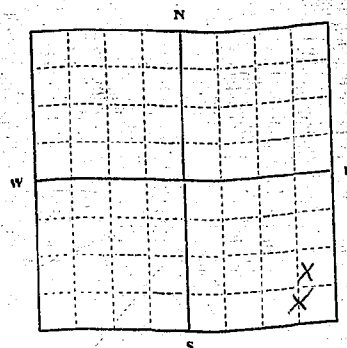
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, WAYNE A. EDWARDS, of Opheim (Town)  
(Name of Appropriator) (Address)  
County of Valley State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SE Sec 7 T 34 R 40

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  
1. Stock  
2. Stock and house
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1. 1943  
2. 1958
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
1. 10 gallons per minute  
2. 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
1. Electric pump  
2. Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
1. 1943  
2. 1958
8. The depth of water table  
1. 67 feet 2. 67 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  
1. 78' deep, 4" casing, 1 1/2" pipe  
2. 78' deep, 4" casing, 1 1/2" pipe
10. The estimated amount of groundwater withdrawn each year  
1. 500,000 gallons per year  
2. 150,000 gallons per year
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Wayne Edwards  
Date December 20, 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; Triuplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

157-91



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STATE OF MONTANA  
County of Valley  
Recorder's record

DEC 23 1963

1145  
MARY LOU EIDE Clerk & Recorder

Valley County

*Randall Johnson*

GV

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

File No.

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T 34 R 40

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

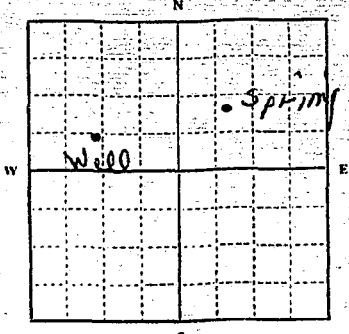
JAN 17 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

L. O. Honrud of Opheim, Montana  
(Name of Appropriator) (Address) (Town)  
County of Valley State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 11 T.34 R.40

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 cattle, irrigation, & home
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1912 from then on.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 00 G.P.M.
- 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 2 Acres, garden, trees lawn grasses, L. O. Honrud
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater about 1912
- 8. The depth of water table 405' deep
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4" casing 405' deep  
one spring delivering 20 gals per minute
- 10. The estimated amount of groundwater withdrawn each year 104,189,000 G.P. year.
- 11. The log of formations encountered in the drilling of each well if available. 50' dirt  
355' shal. rock
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record do not no

Signature of Owner L. O. Honrud  
Date 12-26-63

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

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

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

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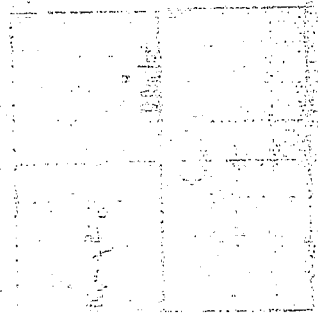
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(C)

STATE OF MONTANA  
County of Valley

DEC 30 1963

1100  
MARY LOU EIDE Clerk & Recorder  
Valley County



2.6

File No. ....

T 34 N R 40 E

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

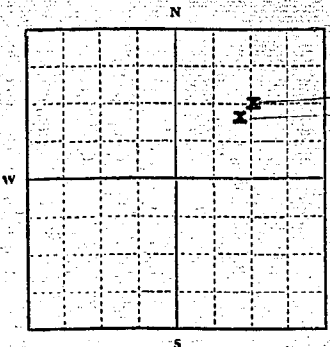
JAN 17 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. George A. Asleson and Elmer Asleson, of Opheim  
(Name of Appropriator) (Address) (Town)

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



2. The beneficial use on which the claim is based Livestock water use, garden use and household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been About the year 1914 and has been used continuously since.

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 Water used to irrigate about 1/4 acre of garden and located in NE 1/4 SW 1/4, Sec 16, T. 34 N., R. 40 EMM, Owners are appropriators.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Natural spring and a well with an electric driven pump located in NE 1/4 SW 1/4, Sec 16, T. 34 N., R. 40 EMM

NE 1/4 Sec. 16, T. 34 R. 40 EMM

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced and completed construction of well in 1928.

8. The depth of water table 12 feet from the surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well was hand dug, is 4 feet in diameter, and is approximately 17 feet in depth.

10. The estimated amount of groundwater withdrawn each year 1,100,000 gallons

11. The log of formations encountered in the drilling of each well if available 0' to 10' Sand; 10' to 17' 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 George H. Asleson  
Elmer Asleson

Date Dec. 30, 1963

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

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

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

38050

439011 18438

STATE OF MONTANA }  
County of Valley }

Filed for record

DEC 30 1963

at 3:30 P.M.

MARY LOU EMMETT  
By \_\_\_\_\_ Recorder

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File No. ....

DUPLICATE

T. 34 N 40 E  
County: Valley

County

JAN 16 1964

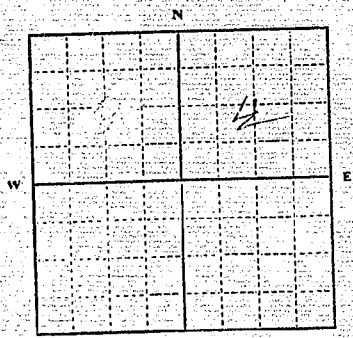
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Gilbert Faust of M.S.R. Glasgow  
(Name of Appropriator) (Address) (Town)  
County of Valley State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 18 T. 34 R. 40  
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 irrigating
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1916 not used
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) not used
- 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 irrigating  
NE 5/8 20T 34R 40

- 7. The date of commencement and completion of the construction of the well/wells, or other works for withdrawal of groundwater 1916 well
- 8. The depth of water table 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 not used
- 10. The estimated amount of groundwater withdrawn each year not used
- 11. The log of formations encountered in the drilling of each well if available not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner: Gilbert Faust  
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.

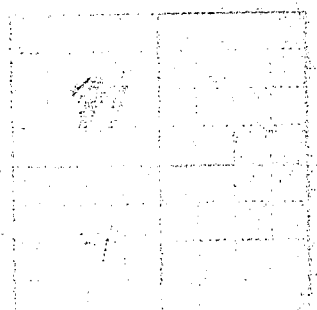
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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.

36919

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STATE OF MONTANA,  
County of Valley,

Notary for record

DEC 31 1963

9.50 *John A. J.*

MARY LOU *John A. J.* Recorder  
Valley County

Notary Public  
John A. J.

John A. J.

File No.

T. 34 N. R. 10 E. 23 19

DUPLICATE

County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

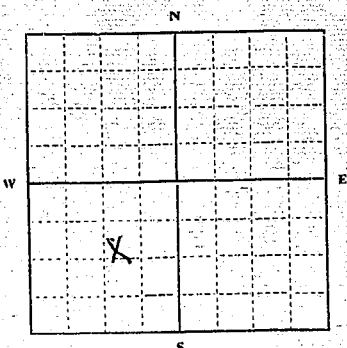
RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alvin Marion Lindahl, of Route 1, Ephraim  
(Name of Appropriator) (Address) (Town)

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



S.W. 1/4 Sec. 34 T. 40 R.  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based water for 3.00 acres. also household.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 12 month year around has been in use over 40 years.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal per minute.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal piston pump. electric motor.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. about 40 years ago. 1923.

8. The depth of water table 52 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. Hand dug. 4 1/2 x 2. Wood Curb.

10. The estimated amount of groundwater withdrawn each year. 10,800

11. The log of formations encountered in the drilling of each well if available. 2 feet coarse sand. gravelly clay. 22 feet coarse gravel - quicksand at bottom. Below 50 ft. is dark shale.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Had a well drilled 10 ft from old well. Went 3.50 ft. Had water under water pump. a year - well abandoned. Water gone out. Not practical.

Signature of Owner A. M. Lindahl

Date

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

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

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



438619

18120

STATE OF MONTANA, ss,  
County of Valley.

Filed for record

DEC 23 1963

<sup>1:30</sup> o'clock P.M.  
MARY LOUISE Clerk & Recorder  
Valley County

*Pauline Jackson* Deputy

Form No. 18  
8-60

19

T. 34N R. 40E  
County VALLEY

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
OCT 10 1961

WATER WELL LOG

STATE ENGINEER

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

Owner A. M. Lindahl Address Ophem, Mont.  
Driller J. R. Billmeyer & Sons Address Hogeland, Mont.  
Date Started Aug. 30, 1961 Date Completed Sept. 13, 1961  
Location: Sec. 19 T. 34N R. 40E  $\frac{1}{4}$  sec. SW $\frac{1}{4}$  SW $\frac{1}{4}$

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

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

Casing: \_\_\_\_\_ ft. to 122 ft. Type \_\_\_\_\_ Size 4"

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

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

Perforated or Screened: Ft. 42 to ft. 52 . Ft. 114 to ft. 122

Type of screen or perforations Catting torch

Static Water level, for non-flowing well: 60 feet.

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

Pumping water level 100 feet at 1 gal. per min.

How tested: 60 foot pull-up over-night on 4" hole.

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

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

(over)



GW

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

File No.

T. 34 N. R. 40 E.

TRIPPLICATE

County Valley

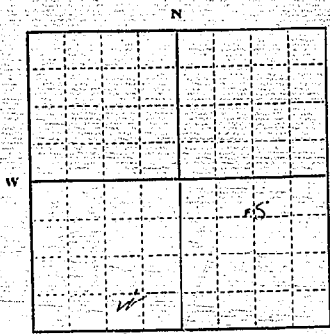
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

R  
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Gilbert T. Fauts, of N.S.R. Glasgow  
(Name of Appropriator) (Address) (Town)  
County of Valley State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Spring S&W  
well SWW  
1/4 Sec. 20, T. 34, R. 40

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... watering livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1952  
livestock
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... spring runs year around
- 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... spring  
Sec 20, T. 34, R. 40

- 7. The date of commencement and completion, of the construction of the well, wells, or other works for withdrawal of groundwater... spring run out
- 8. The depth of water table... spring run out
- 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... spring run out
- 10. The estimated amount of groundwater withdrawn each year... don't use
- 11. The log of formations encountered in the drilling of each well if available... not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record... none

Signature of Owner Gilbert T. Fauts  
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.

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