

396995

GILDFORD SCHOOL DIST. # 20

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA,  
COUNTY OF HILL

*Filed at 1 o'clock P.M.*

ON DEC 30 1963

*[Signature]*  
COUNTY CLERK

By \_\_\_\_\_  
DEPUTY

FEE: \$2.00 pd.

File No. ....

T. 33<sup>N</sup> R. 11<sup>E</sup> 33

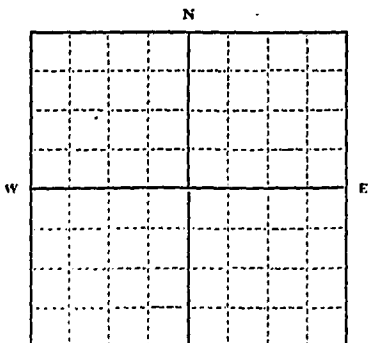
DUPLICATE

County Hill  
RECEIVED  
JAN 13 1964

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

1. Gildford School Dist # 20, of Gildford  
(Name of Appropriator) (Address) (Town)  
County of Hill State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



lots 2-4-6-8-10-12-14 Blk 11  
1/4 Sec 33 T33R11E Gildford OT.

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 use of teachers

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948

8. The depth of water table 150

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 inch 160 ft

10. The estimated amount of groundwater withdrawn each year 300,000

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

Signature of Owner Willis W. Cady, chmn  
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.

31067

396996

GILDFORD SCHCOL DIST. # 20

to

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA, )  
COUNTY OF HILL )  
*Filed at 1 o'clock P.M.*

BY *[Signature]* -DEC 30 1963

\_\_\_\_\_  
SECURITY AGENCY  
\_\_\_\_\_  
SECURITY

FEE: \$2.00 pd.

GW

Approved Stock Form—State Publishing Co., Helena, Montana—41971

File No. ....

DUPLICATE

33P 11E 33  
33N R1E  
Lot 1 Blk 3 N 10 ft of lot 3 Blk 3  
Hill  
County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

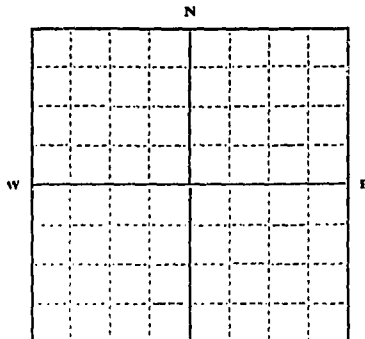
RECEIVED  
DEC 27 1963

STATE ENGINEER

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mrs. Sylvia A. Hanson, of Gilford  
(Name of Appropriator) (Address) (Town)  
County of Hill State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 1 Blk 3 N 10 ft of lot 3  
1/4 Sec 33 T33N R1E Blk 3

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
Nov 1949--continuous use since
4. The amount of groundwater claimed (in minor's inches or gallons per minute).....  
6 gal per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....  
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
deep well type electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
October 1949
8. The depth of water table.....  
water level measures 31' 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.....  
deep well-4" galv. casing-101' deep
10. The estimated amount of groundwater withdrawn each year.....  
approx 35,000 gals
11. The log of formations encountered in the drilling of each well if available.....  
0-80' surface tissues; gray shale 86' coal blossom 86-90' gray shale 90-101' sandrock  
Hal Keup-Big Sandy Mont-Driller
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 Mrs Sylvia A. Hanson  
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.

13429

396763

MRS. SYLVIA A. HANSON

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA )  
COUNTY OF HILL )  
Filed at 8 o'clock A.M.

DEC 26 1963

R. E. Blom DEPUTY CLERK

DEPUTY

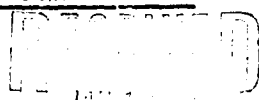
FEE: \$2.00 pd.

GW-4  
FILE NO. \_\_\_\_\_

TWP 33 N RCE 11E  
COUNTY HILL

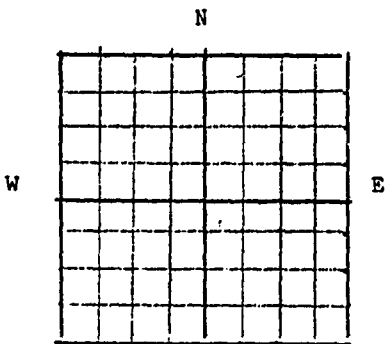
32

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



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

1. Carl Lee, of Gildford, MONTANA  
(Name of Appropriator) (Address) (Town)  
County of HILL, State of Montana  
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



Block 10, Original townsite  
of Gildford, Montana  
Sec 38 T 38 R11E

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 Personal use & Cattle watering.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1985
- 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 Deep well pump "Jet" type
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Began & completed in 1985.
- 8. The depth of water table 30 ft 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 6" casing (Steel) well is 96 ft deep.
- 10. The estimated amount of groundwater withdrawn each year 876,000 gallons per yr.
- 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 Carl J. Lee  
Date 30 December 1963

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

581268  
397134  
CARL J. LEE

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA ) ss.  
COUNTY OF HILL )  
Filed at 11 o'clock a.m.

BY \_\_\_\_\_ 1963

COUNTY CLERK

DEPUTY

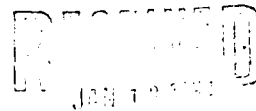
Fee: \$2.00 pd.

GW-4  
FILE NO. \_\_\_\_\_

TWP 33 N RGE 11 E  
COUNTY Hill

33

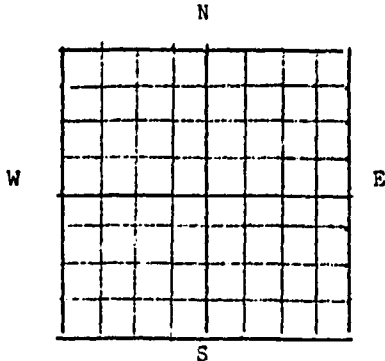
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



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

STATE ENGINEER

1. Donald Miller, of Gilford  
(Name of Appropriator) (Address) (Town)  
County of Hill, State of Montana  
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



Gilford townsite Block 20  
Sec 33 T 33 R 11

Lots 5 13 17 15-17-19  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based  
Household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
Date unknown Their when purchased  
Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
five gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
No irrigating
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Deep well pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Unknown their when purchased
8. The depth of water table 80 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
110 feet deep with a 6" casing
10. The estimated amount of groundwater withdrawn each year 100,000 gallons
11. The log of formations encountered in the drilling of each well if available  
Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
None

Signature of Owner Donald Miller  
Date 12/30/1963

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.



395927

DONOR TITLE

TO

THE PUBLIC

DEPARTMENT OF REVENUE  
COURT-WATER WORKS

STATE OF MONTANA  
COUNTY OF FULL  
FILED WITH REGISTER

APR 22 1963  
REGISTRY CLERK

FEES: 2.00 pd.

GW-4  
FILE NO. \_\_\_\_\_

TWP. 33 N RGE 11 E  
COUNTY Hill

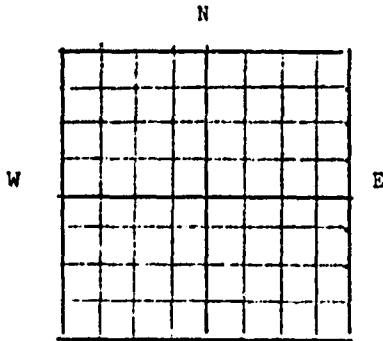
33

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Louis Miller, of Gilford  
(Name of Appropriator) (Address) (Town)  
County of Hill, State of Montana  
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



Gilford Township Block 28

Sec 33 T 33 R 11

Lots 2-4-6

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
October 1945 Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
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  
Lawn and trees around house. Sprinkler for weed spraying of our fields.

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  
October 1945

8. The depth of water table 60'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
drilled well 4 Or 5 inch casing 80'

10. The estimated amount of groundwater withdrawn each year 40,000 gallons

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
Montana State Board of Health water Laboratory. W-7867

Signature of Owner Louis Miller

Date 12/30/1963

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

31012

396941

LOUIS L. BROWN

TO

THE PUBLIC

DECLARATION OF VISITING  
CIRCUMSTANCES RIGHTS

*[Faint, illegible text]*

*[Handwritten signature]*

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12.00 pd.

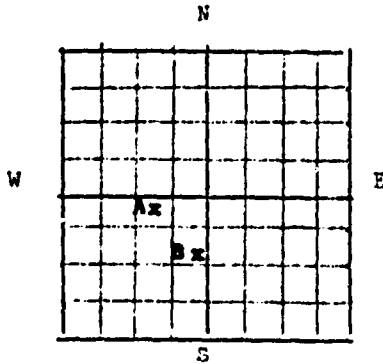
GW-4  
FILE NO. \_\_\_\_\_

TWP 33 N RGE 11  
COUNTY HILL

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 277, Montana Session Laws, 1961)

1. Lowell Miller, of Gilford  
(Name of Appropriator) (Address) (Town)  
County of Hill, State of Montana  
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



E 1/2 SW 1 Sec 33 T 33 R 11

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  
A Household and Livestock  
B Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
A 1958 Continuous  
B 1958 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
A 5 gallons per minute  
B 3 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  
A None  
B None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
A Deep well jet pump  
B Shallow well pump

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

8. The depth of water table A 50 feet B 17 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  
A Approximate 100 feet deep with a 6" casing  
B 2x5x20

10. The estimated amount of groundwater withdrawn each year A 210,000 gallons B 50,000

11. The log of formations encountered in the drilling of each well if available  
A Not available  
B 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  
A None  
B None

Signature of Owner Lowell Miller

Date Dec 30 1963

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

- A Well at House
- B Well at corrals near railroad track

396942

LOWELL MILLER

TO

THE PUBLIC

DECLARATION OF VESSED  
GROUNDWATER RIGHTS

STATE OF MONTANA, ss.  
COUNTY OF HILL )  
Filed at *1:00 o'clock p.m.*

ON *DEC 3 1983*  
*L. E. Brown*  
COUNTY CLERK  
PERITY

FEE: \$2.00 pd.

GW 4  
FILE NO. \_\_\_\_\_

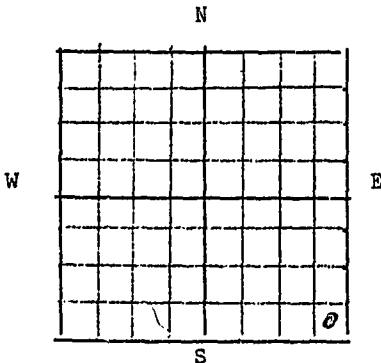
TWP 33N RGE 11E 33  
COUNTY \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 13 1964

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

1. William L. Prewitt, of Yellowstone (Name of Appropriator) (Address) (Town)  
County of \_\_\_\_\_, State of Montana  
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



SE 1/4 Sec 23 T 33 R 11

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

2. The beneficial use on which the claim is based House hold + live stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950  
Steady
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 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 1950
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 11.5 ft drilled 6" steel casing
10. The estimated amount of groundwater withdrawn each year 400,000 gal
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 not available

Signature of Owner William L. Prewitt  
Date \_\_\_\_\_

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

396937.

WILLIAM L. BRUSH

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA, )  
COUNTY OF HILL ) ss.

Filed at \_\_\_\_\_ o'clock \_\_\_\_\_ m.

ON

10/3/1963  
*G. Blain*

COUNTY CLERK

BY \_\_\_\_\_

DEPUTY

FEES: \$2.00 pd.

33

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

Lots 13, 15, 17, 19, & 21, Block 21, original townsite of Gildford, Montana

T. 33 N. R. 11 E

County Hill

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

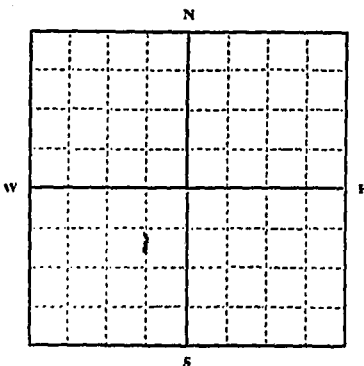
JAN 13 1964

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Reuben Sande, of Box 213, Gildford,  
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 33 T. 33 R. 11  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.  
Lots 13, 15, 17, 19, & 21, Block 21, original townsite of Gildford, Montana

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

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

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Deep well pump "submersible" type.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Completed Sept 1st 1957

8. The depth of water table 60 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" O.D. Casing 96'

10. The estimated amount of groundwater withdrawn each year 80,000 gallons

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 Reuben Sande

Date 28 December 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.

30979



396898

BERNARD SANDE

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA )  
COUNTY OF HILL )

Filed at 8 o'clock AM.

27 30 1963

[Signature]  
COUNTY CLERK

[Signature]  
DEPUTY

FEE: \$2.00 pd.

RECEIVED

STATE ENGINEER

T. 33 N R. 11 E

33

County He

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Lloyd K. Stuart Address Gildford, Montana

Driller Lewis F. Quigley Address Whitlash, Montana

Date Started 10/2/59 Date Completed 10/20/59

Location: Sec. 33 T. 33 N R. 11 E  $\frac{1}{4}$  sec. Wollam's Block 4 In Town of Gildford, Mont.

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

Water use: Domestic  Municipal  Stock  Irrigation

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

Casing: 0 ft. to 97.4 ft. Type 18 R. T. 17lb Size 5 1/2" O. D.

Casing: \_\_\_\_\_ ft. to 21 ft. Type Liner Size 4 1/2" (Liner)

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

Perforated or Screened: Ft. 97.4 to ft. 115 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slots cut with Electric Welder

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

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

Pumping water level: 80 feet at 8 gal. per min.

How tested: Jet Pump

Length of test: 24 hrs.

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

*Lloyd K. Stuart*

(over)



DOCUMENT NO. 376207

LLOYD K. STUART

TO

THE PUBLIC

WATER WELL LOG

STATE OF MONTANA, )  
COUNTY OF HILL ) ss.  
Filed at 11:45 o'clock A.M.

ON FEB 1 1960

G.C. YEON

COUNTY CLERK

By \_\_\_\_\_ DEPUTY

40'	45'	Sand & Water
45'	62'	Yellow Clay
62'	66'	Sand Water
66'	77'	Yellow Clay
77'	86'	Blue Clay
86'	93'	Brown Clay
93'	104'	Grey Clay
104'	108'	Grey Sand Water
108'	116'	Grey Clay

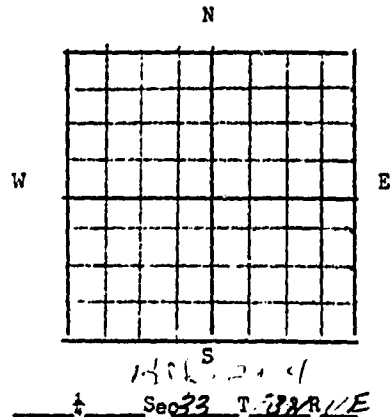
G.W.A. FILE NO. \_\_\_\_\_

TWP 33<sup>N</sup> RGE 11-West 24  
COUNTY Blaine 33

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. Bessie M. Lewinney, of Billwood (Town)  
(Name of Appropriator) (Address)  
County of \_\_\_\_\_, State of Mont.  
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



- 2. The beneficial use on which the claim is based Arrows Field
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1913
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 gpm
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1913
- 8. The depth of water table 103 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 \_\_\_\_\_
- 10. The estimated amount of groundwater withdrawn each year 10000 gal. water
- 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 \_\_\_\_\_

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

Signature of Owner Bessie M. Lewinney  
Date 12-30-1962

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

396946

EDWIN H. JOHNSON

TO

RE PUBLIC

DECLARATION OF VASSAL  
ON THE PART OF THE

STATE OF MICHIGAN  
EDWIN H. JOHNSON  
12/15/1914

*E. H. Johnson*

FEE: 2.00 pd.

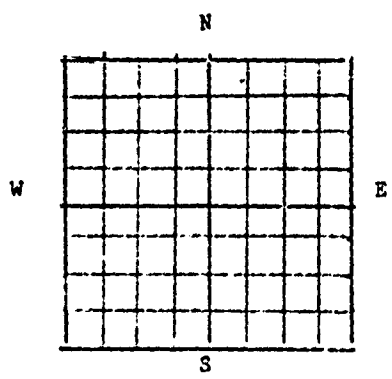
FILE NO. \_\_\_\_\_

TWP 33 N RGE 11 E  
COUNTY HILL 38

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

1. H. EARL WATSON, of GILDFORD MONT  
(Name of Appropriator) (Address) (Town)  
County of HILL, State of MONT  
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



NE 1/4 SW Sec 33 T33 R11

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

- 2. The beneficial use on which the claim is based HOUSE & LIVESTOCK
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1940 USED CONTINUOUS SINCE
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 GAL PER MIN
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof \_\_\_\_\_
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1940
- 8. The depth of water table 50 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 240 FT DEEP 6 INCH CASING
- 10. The estimated amount of groundwater withdrawn each year 350,000
- 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 \_\_\_\_\_

Signature of Owner H Earl Watson  
Date Dec 31 - 1963

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

397112

H. LANE WATSON

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA )  
COUNTY OF HILL )  
Filed at 11 o'clock AM.

ON 08 31 1963

COUNTY CLERK

DEPUTY

FEES: \$2.00 pd.



GW 4  
FILE NO. \_\_\_\_\_

TWP 33 N RGE 11E E  
COUNTY Hill

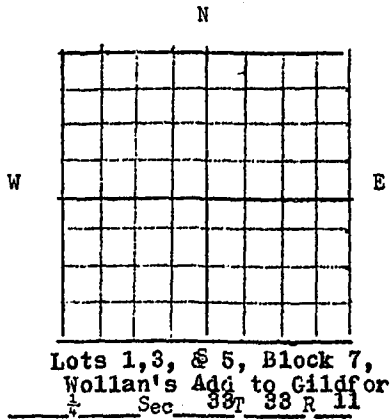
33

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 13 1964

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

1. Clarence Welsh & Leulla Welsh, of Gilford,  
(Name of Appropriator) (Address) (Town)  
County of Hill, State of Montana  
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



- 2. The beneficial use on which the claim is based Personal use & irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since 1942
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) approx 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 Garden irrigating (owner Clarence Welsh)

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

- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Deep well pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well begun and completed in 1942.
- 8. The depth of water table 65'
- 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 casing 92 ft deep.
- 10. The estimated amount of groundwater withdrawn each year 108,500 gallons per yr.
- 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 Clarence Welsh  
Date 30 December 1963

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

31181

397123

CLARENCE WELSH

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA, ) ss.  
COUNTY OF HILL )  
Filed at 11 o'clock a.m.

ON DEC 31 1963

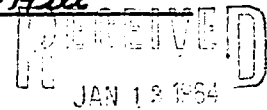
W. E. Blain  
COUNTY CLERK  
By \_\_\_\_\_ DEPUTY

FEE: \$2.00 pd.

GW 4  
FILE NO. \_\_\_\_\_

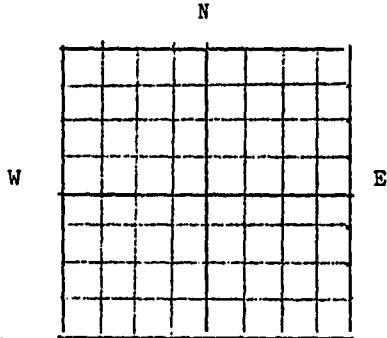
TWP 33 N RGE 11 E 33  
COUNTY Hill

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



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

1. Leta M. Welsh, of Hildford  
(Name of Appropriator) (Address) (Town)  
County of Hill, State of Montana  
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



Lots 5 & 7 Blk 11  
Newnan Masvie Sec 33 33N 11E

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

2. The beneficial use on which the claim is based Household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been daily
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof \_\_\_\_\_
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1936
8. The depth of water table 150 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 in steel casing 200 ft
10. The estimated amount of groundwater withdrawn each year 50,000
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Leta M. Welsh  
Date Dec 30, 1963

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

396945

BETA M. WELSH

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA ) ss.  
COUNTY OF HILL )  
Filed at / 2 o'clock p.m.

ON 3 3 1963

[Signature]  
COUNTY CLERK

DEPUTY

FEE: \$2.00 pd.

~~33N 11E~~  
Original Township 33  
County Hill

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
OCT 10 1960

WATER WELL LOG

STATE ENGINEER


Owner Wesley Whitaker Address Gilford, Montana

Driller Lloyd J. Harberg Address Box Elder, Montana

Date Started October 3, 1960 Date Completed October 5, 1960

Location: Sec. Original Township of Gilford Lot 13, Block 12  
33 33N 11E

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

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

Casing: 0 ft. to 95 ft. Type \_\_\_\_\_ Size 6" J.D.

Casing: 95 ft. to 117 ft. Type \_\_\_\_\_ Size 4 1/2" J.D.

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

Perforated or Screened: Ft. 108 to ft. 117 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slot perforations

Static Water level, for non-flowing well: 30 ft. from surface feet.

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

Pumping water level: 40 feet at \_\_\_\_\_ 20 gal. per min.

How tested: barter

Length of test: 4 hours

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

(over)

*Wesley Whitaker*



Doc. No. 380896

Wesley Whitaker  
to  
The Public

WATER WELL LOG

STATE OF MONTANA)  
COUNTY OF HILL )  
Filed at 9:30 o'clock A.M.

NOV 27 1903

COUNTY CLERK

DEPUTY

Fee \$1.00 Pd.

52	60	blue shale
60	70	gre. shale
70	74	brwn. shale
74	80	blue shale
80	86	gray sandy shale
86	93	blue shale
93	105	gray shale, sandy
105	106	brwn. sandy sand
106	107	gray sandstone water
107	107	well completed

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

T. 33 R 11 E

DUPLICATE

County Hill

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

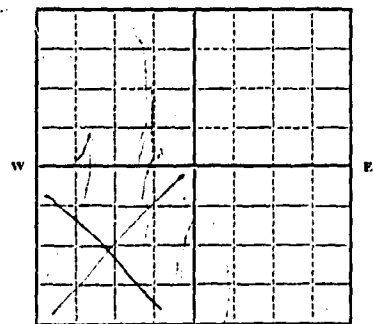
RECEIVED  
JUN 27 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Leon A Wilcomb of Box 191 Gilford  
(Name of Appropriator) (Address) (Town)  
County of Hill State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



*Original to county Gilford*  
SW 1/4 Sec. 33 T. 33 N. R. 11 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... Household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1923 or 1924  
continuous use since 1929 May. Idle 1927, 28.

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

lots 1 and 3 Block 20 of T Gilford  
L. A. Wilcomb owner-- household use

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

Deep Well submersible electric pump  
lot 1 Block 20 of T Gilford

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Year 1923 Or 1924

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

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... Deep well six inch steel casing depth about one hundred twenty feet Depth to submersible pump about ninety feet

10. The estimated amount of groundwater withdrawn each year... 445000 Gallons

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

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... lots 1 and 3 Block 20 of T Gilford

Signature of Owner Leon A. Wilcomb  
Date July 30 1962

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

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

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



394310

LEON A. WILCOMB

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA,  
COUNTY OF HILL  
Filed at 8 o'clock Am.

ON JUN 25 1963  
R. E. Blom

BY \_\_\_\_\_ COUNTY CLERK  
DEPUTY

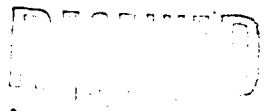
Fee: \$2.00 pd.

GM-4  
FILE NO. \_\_\_\_\_

TWP 88 N RGE 11E E  
COUNTY Hill

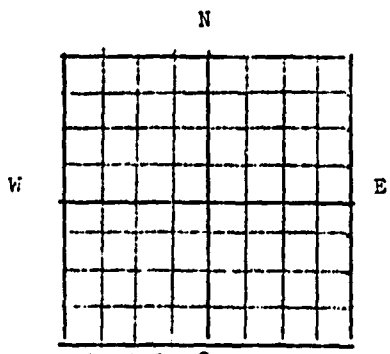
33

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



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

1. Melvin Tew, of Gildford,  
(Name of Appropriator) (Address) (Town)  
County of Hill, State of Montana  
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



Lots 1, 3, & 5, Block 29,  
Original Townsite of Gildford,  
Sec 23 T33N R1E

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  
Personal use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
drilled Aug 12, 1959  
Continuous since
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
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.  
Deep well pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  
Began Aug 12, & Completed  
August 15th, 1959
- 8. The depth of water table 65'
- 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.  
7" O.D. Steel casing & 6" casing for last 20 ft.  
70ft of 7" casing 20 ft of 6" casing well a total of 90ft deep.
- 10. The estimated amount of groundwater withdrawn each year \_\_\_\_\_
- 11. The log of formations encountered in the drilling of each well if available  
0 to 20' Gray Sandy Clay 22' to 33' water sand 33' to 57' Blue Clay  
57' to 68' Brown Clay 70' to 80' water sand 80' to 90' Gray Clay
- 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.  
Recorded with Hill County in Aug of 1959.

Signature of Owner: Melvin Tew  
Date: 31 December 1962.

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

31204

397147

HELVIN GAW

TO

THE PUBLIC

DECLARATION OF VESTED  
GEMMELWATER RIGHTS

STATE OF MONTANA  
COUNTY OF BILLINGS  
Filed at \_\_\_\_\_ on \_\_\_\_\_

BY \_\_\_\_\_ 1963  
\_\_\_\_\_  
COUNTY CLERK

FE : 2.00 pd.

RECEIVED  
1958

T. 33N R. 11E  
Hill  
County

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Farmers Union Grain Terminal Association, Gildford, Mont.

Driller J. Kuep Address Big Sandy, Mont.

Date started 7/1/1958 Date Completed 7/14/1958

Location: Sec. 34 T. 33 R. 11 1/4 sec. Wollan's Gildford lots 2 & 4 Blk 8

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

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

Casing: 0 ft. to 85 ft. Type new 10" Size 6" OD

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 45' drawdown to 75 on bailer to: \_\_\_\_\_ feet.

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

Pumping water level \_\_\_\_\_ feet at 10-11 gal. per min.

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

Length of test 14 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	30	Sandy brown clay
30	35	Brown clay
35	45	Sandy brown clay
45	46	Boulders
46	48	Sand & gravel (water bearing) 15 gal per min.
48	53	Brown sandstone (water bearing)
53 to 55		blue clay
55	58	brown sandstone (hard)
58	80	sandy, shaley, grey clay
80	85	Blue clay
85 <del>88</del>	86	Red sandy shale
89	106	Judith River Sandstone (water bearing) 10-11 gal/min.
		withbailer check. Bottom 10' best production. Static head 48'. Drawdown to 75' on bailer test. Casing 6" $\phi$ D new, 10.5#/ft and bottomed at 85'. Pump is submergible set at 80' on 1" Galvanized drop pipe. Test pumped for 1 1/2 hours and water at end of time cloudy but sand free.
<i>The above taken from information furnished by the driller</i>		
<i>Farmers Union Grain Terminal Co</i>		
<i>A. H. Leacock</i> Agent		

GW-4  
FILE NO. \_\_\_\_\_

TWP 38N RGE 11E  
COUNTY \_\_\_\_\_

34

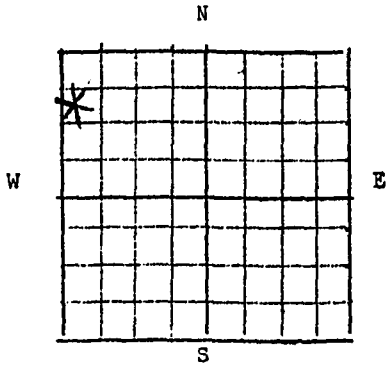
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 18 1963

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

STATE ENGINEER Gilford

1. Carl J. Lee, of \_\_\_\_\_, of \_\_\_\_\_  
(Name of Appropriator) (Address) (Town)  
County of Hill, State of Montana  
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



NW  $\frac{1}{4}$  Sec 34 T 38 R 11E

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 cattle
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1912.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Unknown
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 Deep well pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Approximately 1912.
8. The depth of water table approx 50 ft 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 6" steel casing 176 ft deep.
10. The estimated amount of groundwater withdrawn each year 20,000 gallons
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 Carl J. Lee  
Date 30 December 1963

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

31191

397133

CARL J. LME

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA ) ss.  
COUNTY OF HILL )  
Witness my hand and seal this 11th day of October 1963.

11 OCT 11 1963

COUNTY CLERK

SEAL

SEE: \$2.00 pd.

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T 33 N R 11E

County Hill

34

WATER WELL LOG


Owner Melvin O. & Ruth Z. Tew Address Gildford, Montana

Driller Lewis Guirley Address

Date Started August 12, 1959 Date Completed Aug. 15, 1959

Location: Sec. 34 T 33 R 11 1/4 sec Gildford townsite block 29, lot 5

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

Water use: Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other:

Casing: 0' ft. to 70' ft. Type steel casing Size 7" O. D.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 65' to ft. 90' Ft. to ft.

Type of screen or perforations perforated 5" pipe

Static Water level, for non-flowing well: 70' to 80' feet.

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

Pumping water level 70' feet at 5 gal. per min.

How tested: with rotary submersible pump

Length of test 3 hours

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

Melvin Tew

(over)









File No. ....

T. 33N R 12E

DUPLICATE

County HILL

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 7 1964

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner H. JOHN HAUGEN Address KREMLIN, MONT.

Driller AIRLINE DRILLING SERVICE Address HANDE, MONTANA

Date of Notice of Appropriation of Groundwater NOV 4, 1963

Date well started NOV 6, 1963 Date Completed NOV 6, 1963

Type of well DRILLER Equipment Used CABLE TOOL RIG  
(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.

Top of Ground 2860  
(Elev. above sea level.....)

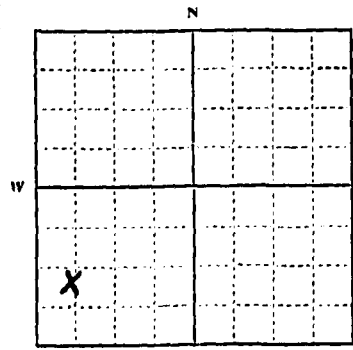
0  
15 GREY CLAY - SOFT SATURATED

21 SANDY GREY CLAY TRACE OF WATER SHUT OFF

51 GREY SANDSTONE - WATER - APPROX 12 GPM BY BAUER TEST.

Flows at rate of 1 1/2 GPM

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7	6" I.D. 13# PER FT	0	21	NO PERFORATIONS		
6"		21	51	OPEN HOLE		



SW 1/4 Sec. 2 T. 33 R. 12  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

51 Show exact depth of bottom.

Static Water Level for non-flowing Well NOT APPLICABLE feet.

Shut-in Pressure for Flowing Well 4 POUNDS

Pumping Water Level NOT APPLICABLE feet APPLICABLE gal. per minute.

Discharge in gal. per min. of flowing well 1 1/2 GPM

How Tested MEASURING DEVICE Length of Test 1 HOUR

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of WELL CASED

acres irrigated, if used for irrigation) TO 21 FT LEVEL - SET ON TOP OF SANDSTONE FORMATION - SANDSTONE NOT CASED SURFACE CEMENTED

46  
Driller's License Number

Robert Greiv  
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.

26567

396844

H. JOHN HAUGEN

TO

THE PUBLIC

COMPLETION OF GROUNDWATER  
BY WELL (ATE OF MONTANA)  
COUNTY OF HILL

Filed at 11 o'clock A.M.

ON 17 1963  
*J. E. Blain*  
COUNTY CLERK

BY \_\_\_\_\_  
DEPUTY

FEES: \$2.00

396844

H. JOHN HAUGEN

TO

THE PUBLIC

COMPLETION OF GROUNDWATER  
BY WELLBATE OF MONTANA, INC.  
COUNTY OF HILL

Filed at 11 o'clock A.M.

BY RF Blount  
COUNTY CLERK

FEES: \$2.00

GW 3

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

10

File No. ....

T. 33 N R. 12 E

DUPLICATE

County Hill

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 27 1963

STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater about yr. 1946

Owner Dean A. Hanson Address Gildford, Mont.

Contractor (if any) Unknown - no records were received when farm was purchased in 1956.

Address of Contractor "

Date Started Fall 1946 Date Completed Fall 1946

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Stock water pit--dug along channell of drainage entering alkali lake.

Spring fed in addition to natural run-off.

depth to water unknown-shallow

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. pit is 200ft x100 ft. all sides slope to approx center of basin--maintains approx 10-12' of water at deepest point. Unit carries 32 hd. of cattle, Approx 30 hd. calves--32 cattle @ 30 gal per hd. per day= 960 gal 30 calves @ 15 gal per hd. = 450 gal. or 1410 gal per day for approx 180 days per year.

Signature of Owner Dean A. Hanson

Date December 20, 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.

13427

395761

DEAN A. HANSON

TO

THE PUBLIC

COMPLETION OF GROUNDWATER  
APPROPRIATION WITHOUT A  
WELL

STATE OF MONTANA, )  
COUNTY OF HILL ) ss.  
Filed at 8 o'clock P.M.

BY 1963

R. E. Blom  
COUNTY CLERK

DEPUTY

FEES: \$2.00 pd.



10

File No. ....

T 33 N R 12 E

DUPLICATE

County Hill

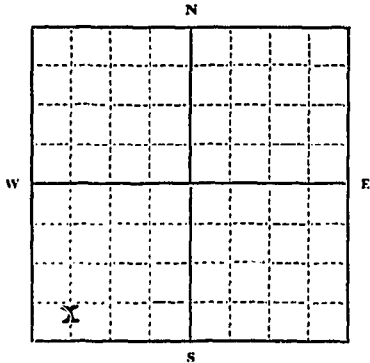
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 27 1963

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

1 Dean A. Hanson, of Gildford  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec 10 T33 R 12

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 domestic-spray water (field)
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Exact date unknown-APPROX. yr. of 1924 intermittent use since drilled.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) approx. 10 gals per min.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. no irrigation---weed spraying
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. deep well pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. APPROX yr. of 1924---no record was given when farm was purchased in 1956
- 8. The depth of water table. water level measures 24 ft. below ground level
- 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. deep well-5 1/2" galv. casing-61ft. deep
- 10. The estimated amount of groundwater withdrawn each year. approx 55,000 gal
- 11. The log of formations encountered in the drilling of each well if available. no drilling record 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 Dean A. Hanson

Date Dec 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.

13426

396760

DEAN HANSON

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA )  
COUNTY OF HILL ) ss.  
Filed at 8 o'clock a.m.

ON DEC 26 1963

COUNTY CLERK

By R. E. Elom DEPUTY

FEE: \$2.00 pd.

File No. ....

T. 33N R. 12E

DUPLICATE

RECEIVED  
DEC 27 1963

County HILL

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

- 040
- 5 TOP + SUBSOIL
- 14 SANDY BROWN CLAY
- 42 BROWN CLAY + GRAVEL COP
- 54 BROWN CLAY
- 72 YELLOWISH-GREY SHALE
- 76 BLUE SHALE
- 80 SANDY BLUE SHALE
- 84 BLUE-GREY SHALE
- 92 BLUE SHALE
- 108 BLUE-GREY SHALE
- 109 1/2 HARD SHELL
- 115 SANDY BLUE SHALE
- 122 BLUE SHALE
- 122 1/2 GREY SANDSTONE (DRY)
- 129 SANDY GREY SHALE
- 132 GREY SHALE
- 140 BLUE SHALE
- 143 BROWNISH-GREY SANDY SHALE
- 146 BLUE SHALE
- 164 SANDY BLUE-GREY SHALE
- 175 GREY SANDSTONE - WATER - 36 PPM
- 184 SHALEY SANDSTONE WITH INTERMITTANT HARD SANDSTONE
- 188 GREY SANDSTONE - WATER - 4 1/2 GPM

Owner ED HAUGEN Address KREMLIN, MONT

Driller HILL DRILLING SERVICE Address HAYRE, MONTANA

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

Date well started OCT 12, 1963 Date Completed OCT 22, 1963

Type of well DRILLED Equipment Used CABLE TOOL  
(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)
7"	6" I.D.					
	13" PER FT. BLACK STEEL	0	126 1/2	NO PERFORATIONS		
	6" I.D.			CASING SET ON SANDSTONE		
	13" GALVANIZED	126 1/2	163			

Static Water Level for non-flowing Well 129 1/2 feet.

Shut-in Pressure for Flowing Well NOT APPLICABLE

Pumping Water Level 16.2 feet at 4 1/2 gal. per minute.

Discharge in gal. per min. of flowing well NOT APPLICABLE

How Tested BALER & PUMP Length of Test 4 HOURS

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) PACKERS

PLACED AT 16.2 FT LEVEL + CEMENTED BACK TO APPROX. 125 FT. NO CASING IN - STALLED BELOW 163 FT SANDSTONE LEFT OPEN

SE 1/4 Sec. 11 T. 33 R. 12  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

192 BLUE SHALE  
192 Show exact depth of bottom.

WATER ANALYSIS  
HARDNESS 7 PPM  
IRON 0.1 PPM  
PH. 8.04

46  
Driller's License Number  
Robert Greiner  
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.

396752

ED BAUCEE

TO

THE PUBLIC

NOTICE OF COMPLETION OF  
GROUNDWATER BY MEANS OF  
A WELL

STATE OF MONTANA ) ss.  
COUNTY OF HILL )  
Filed at 1 o'clock P.M.

ON DEC 23 1963

R. E. Blom

COUNTY CLERK

By \_\_\_\_\_

DEPUTY

FEES \$ 2.00 pd.

GI

12

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

T. 33N R. 12E

DUPLICATE

County Hill

38888

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 7 1964

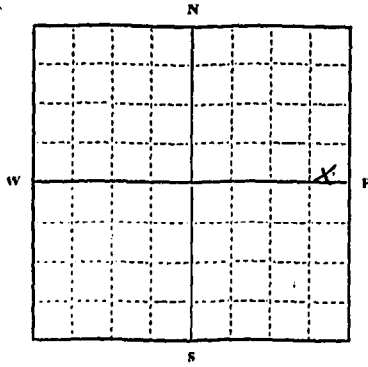
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. CHRIST J HAUGEN, of KREMLIN  
(Name of Appropriator) (Address) (Town)

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



S.E. 1/4 NE Sec. 12 T33 R. 12

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1918 continued use since

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1918

8. The depth of water table. 75

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" hole 175 ft. deep

10. The estimated amount of groundwater withdrawn each year. 3,000,000

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.

Signature of Owner Christ J Haugen

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.

26566

396845

CHRIST J. HAUGEN

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA  
COUNTY OF BILLINGS  
*Filed at Billings, Montana*

*[Signature]*  
COUNTY CLERK

FEE: \$2.00 pd.

GW

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

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

T. 33 N. R. 12 E. 14

DUPLICATE

County Hill

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 27 1963

### Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Dean A. Henson of Gildford  
(Name of Appropriator) (Address) (Town)

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

		N			
W				E	
				S	
				X	

SE 1/4 Sec. 14 T. 33 R. 12

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 and domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. about yr. of 1929---in use continuously since drilled
4. The amount of groundwater claimed (in miner's inches or gallons per minute). approx. 4 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. None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. electric deep well pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. about yr. of 1929--no record was given when farm was purchased in 1956
8. The depth of water table. water level measures 148 feet below ground level
9. So far as it may be available, the type, size and depth of each well & the general specifications of any other works for the withdrawal of groundwater. deep well 2 1/2 in. casing--213 ft. in depth
10. The estimated amount of groundwater withdrawn each year. approx. 255,000 gals.
11. The log of formations encountered in the drilling of each well if available. no drilling record 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. Dean A. Henson  
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.

13425

396759

DEAN HANSON

TO

THE PUBLIC

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

STATE OF MONTANA<sup>2d</sup>ss.  
COUNTY OF HILL  
Filed at...8...o'clock...A.m.

ON DEC 26 1963

R. E. Blom COUNTY CLERK

RECEIVED

FES: \$2.00 pd.



GW-4  
FILE NO. \_\_\_\_\_  
DUPLICATE

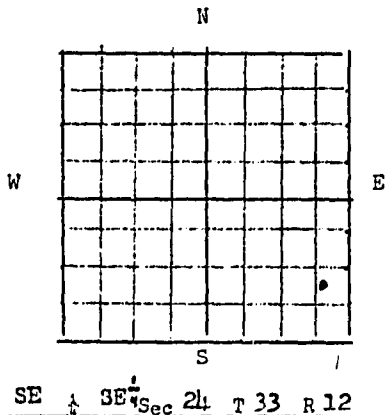
TWP #33 RGE 12  
COUNTY Hill

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 11 1962

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

1. Knute Havskjold, of Kremlin  
(Name of Appropriator) (Address) (Town)  
County of Hill, State of Montana  
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



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 live stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been since completion of well in 1916
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1000 gallons daily
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 deep well pump  
SE 1/4, SE 1/4 Sec. 24, TWP 33, RGE 12
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1916 no records of dates.
8. The depth of water table \_\_\_\_\_
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 200 feet deep, 6inch galv casing, 2inch suction pipe, 2 inch cylinder
10. The estimated amount of groundwater withdrawn each year 200,000 gal.
11. The log of formations encountered in the drilling of each well if available Not known
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record \_\_\_\_\_

Signature of Owner Knute Havskjold

Date 12-12-62

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

201621

VENITE HAVSEKJOLD

TO

THE PUBLIC

DECLARATION OF VACATED GROUND  
WATER RIGHTS

STATE OF MONTANA )  
COUNTY OF HILL )  
*Filed at 1:20 o'clock P.M.*

ON DEC 12 1962

G. O. Yeon

COUNTY CLERK

DEPUTY

Fee: \$2.00 pd.



GW-4  
FILE NO. \_\_\_\_\_

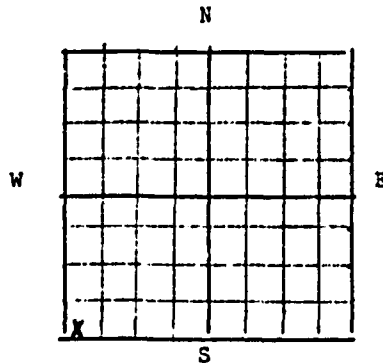
TWP 33 N RGE 13 E  
COUNTY Hill

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 27 1963

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

1. A. W. Mattam, of 1605 1st St. Havre  
(Name of Appropriator) (Address) (Town)  
County of Hill, State of Montana  
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



SW 1/4 Sec 14 T 33 R 13

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

2. The beneficial use on which the claim is based  
Household and stock watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
Approx 1915 - continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
Approx 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  
no irrigation.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
wind mill and pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
approx 1915
8. The depth of water table  
approx 130 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
6 inch casing. 155 feet deep.
10. The estimated amount of groundwater withdrawn each year  
100,000 gallons
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

Signature of Owner \_\_\_\_\_

Date 26 December 1963

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.