



RECEIVED

42095 JUL 26 1972

County Mineral

GW 2 Revised 1969 13-3M-10/69

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

DRILLER'S LOG

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

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner John A. Amy Nelson

Address St. Regis, Mt.

Date well started April 17, 1972

completed April 19, 1972

Type of well Drilled

Equipment used Cura Drill

Water Use: Domestic [x] Municipal [ ] Stock [ ] Irrigation [ ]

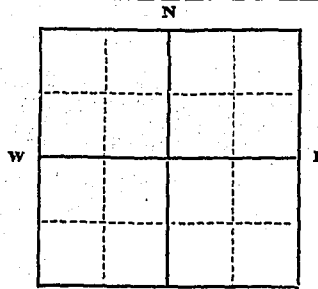
Industrial [ ] Drainage [ ] Other [ ]\* Garden/Lawn [x]

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

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



Static water level 65 ft.\* Pumping water level 62 ft.\* at 30 gallons per minute, measured 180 minutes after pumping began. \*Measured from ground level. Well developed by bail & pump for 6 hours. Power 220 Pump 1 1/2 HP Remarks: (Gravel packing, cementing, packers, type of shutoff) Each of each without that 1 1/2 H. S. E. 1/4, 21 W. Sec 30 18 N. R. 27 W.

SE 1/4 NW 1/4 Sec. 30 T. 18 N. R. 27 E

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

Driller's Signature Eugene S. Kane

Driller's Address St. Regis, Mont.

LICENSE NO. 23

Large table for logging strata with columns: From (Feet), To (Feet), and description of strata.

93 Show exact depth of bottom

51,019



RECEIVED  
OCT 30 1957

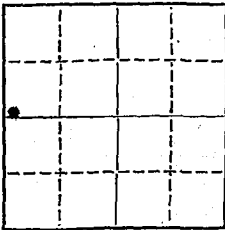
STATE ENGINEER

T. 18N R. 27W

County Mineral

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG



Owner Northern Pacific Ry. Co. Address St. Paul, Minn.

Driller E.A. Bodin, N.P. Driller Address Terry, Mont.

Date Started July 8, 1957 Date Completed Oct. 6, 1957

Location: Sec. 30 T. 18N R. 27W 1/4 sec. SW NW

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

Water use: Domestic  Municipal  Stock  Irrigation

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

Casing: 0 ft. to 120 ft. Type steel Size 6"

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: 27.5 feet.

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

Pumping water level 96 feet at 8 gal. per min.

How tested: Test pump

Length of test 8 hours

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

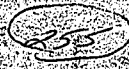
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)





43492



I certify that I received and filed  
this instrument for record on this  
28 day of June 1973  
at 10:30 o'clock AM  
Renee Wiley  
County Recorder  
By Richard Wilson  
Richard Wilson Deputy

43245  
**RECEIVED**

County Mineral

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

APR 26 1973

**DRILLER'S LOG**

**NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL**

DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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

Developed after January 1, 1962

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Charles G. & Laurel M. Forry  
Address Superior, Mt.

For Administrator's Use	
File	<u>43245</u>
Date	<u>April 24, 1973</u>
GW	<u>1 9:40 A.M.</u>

well site: 4 Mile - St. Regis

Date well started 3/5/73  
completed 3/15/73

Type of well Drilled  
(Dug, driven, bored or drilled)

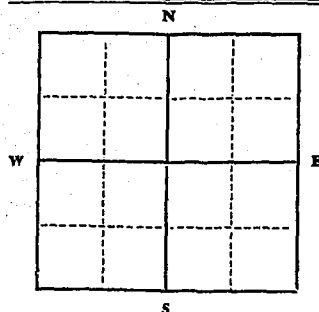
Equipment used Churn Drill  
(Churn drill, rotary or other)

Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \* Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" id	250 x 6" id	0	183	does not apply		



Static water level 160 ft.\*  
Pumping water level 165 ft.\*  
at 30 gallons per minute,  
measured 20 minutes after pumping began.  
\*Measured from ground level.  
Well developed by bailing  
for 4 hours.  
Power ig Pump \_\_\_\_\_ HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

1/4 Sec. 31  
T. 18 N. R. 27 E.  
S. W.

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

Driller's Signature \_\_\_\_\_

Driller's Address St. Regis, Montana

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	17	Sandy Soil
17	31	clay & boulders
31	46	brown clay, small boulders
46	135	brown clay, gravel
135	141	blue clay, gravel
141	183	boulders, water coarse sand, gravel

LICENSE NO. 23

183 Show exact depth of bottom

53,036



I certify that I received and filed  
this instrument for record on this  
24 day of April 1923  
at 9:40 o'clock A. M.  
Ruth E. Terley  
County Recorder  
By Geo. J. O. Ad Deputy

File No. ....

T. 18 N. R. 27 W

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Missoula

RECEIVED

STATE OF MONTANA

LOG

FEB 10 1968

ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

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

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

13'  
13'  
79'  
58 1/2'  
25'

sandy soil  
clay, gravel and boulders  
clay  
clay, gravel and boulders  
sand, gravel and water

Owner Leo Stang Address St. Regis

Driller Kane Water Well Drilling Address St. Regis

Date of Notice of appropriation of groundwater..... 5/68

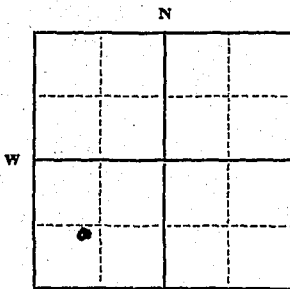
Date well started..... 6/68 Date completed..... 7/68

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 Casings	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" id	6 x .280	0	188 1/2	does not apply		



Static Water Level for non-flowing well..... 163 1/2 feet.

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

Pumping Water Level..... 164 1/2 feet at..... 20 gal. per minute.

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

How Tested..... bailed and pumped

Length of Test..... clear

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

1/4 Sec. 31 T. 18 N. R. 27 W  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

188 1/2'

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.

23  
Driller's License Number

Eugene Kane  
Driller's Signature

44,990

File no 174

- 37809 -

I certify that I received and filed  
 this instrument for record on this  
 6th day of July 1969  
 at 2:30 o'clock P. M.

**J. WILKINSON**  
 County Recorder

*Ruth O. ...*  
 Deputy

DEPARTMENT OF REVENUE  
 MINERAL COUNTY  
 SUPERIOR, MONTANA

RECEIVED  
 JUL 10 1969

Assign interest in and to recorded by reference to the instrument of this date and date of recording of this instrument to the person named in the instrument of this date and date of recording of this instrument.

How out of each party all share of interest and share

NAME	PERCENTAGE	DATE	REMARKS
...	...	...	...
...	...	...	...

NAME	PERCENTAGE	DATE	REMARKS
...	...	...	...
...	...	...	...

GW 2

File No. ....

DUPLICATE

RECEIVED  
JUN 16 1962

T. 18 N R. 27 W

County Mineral

STATE ENGINEER ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

S. Margaret Sides

Owner Pearl H. & S. Margaret Sides St. Regis, Mont.

Driller Kane Water Well Drillings Address St. Regis, Mont.

Date of Notice of Appropriation of Groundwater 10/22/ '61

Date well started 10/22/ '62 Date Completed 4/18/62

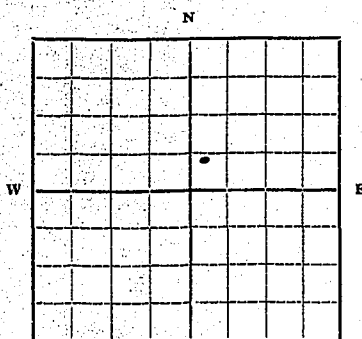
Type of well 6" Equipment Used churn drill  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

12 soil Top of Ground  
68 Clay above sea level 2735  
135 rock  
45 rock with fissures of water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" id std 0		88	none	none	none



(A 6 w) S.W. 1/4 NW 1/4 Sec. 32 T. 18 N R. 27 W

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

-350

Show exact depth of bottom.

Static Water Level for non-flowing Well 70 feet.

Shut-in Pressure for Flowing Well does not apply

Pumping Water Level 25 feet at gal. per minute.

Discharge in gal. per min. of flowing well does not apply

How Tested bailed Length of Test 3 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) at this time not known.

Appropriators: Pearl H. Sides

Pearl H. Sides

S. Margaret Sides

S. Margaret Sides

23  
Driller's License Number

Eugene Kane  
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 School of Mines and Quadruplicate for the Appropriator.

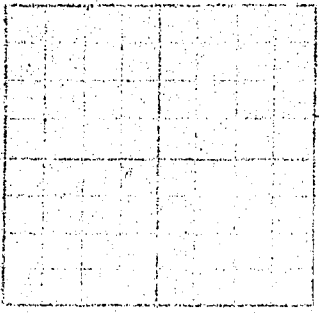
1890

7-11-14 (4)

-30254-

I certify that I received and filed  
 this instrument for record on this  
 12th day of July 1968  
 at 10:58 o'clock A.M.  
 J. Wilkerson  
 County Recorder  
 By: Russell C. Davis  
 Deputy

COUNTY CLERK & RECORDER  
 MINERAL COUNTY  
 SUPERIOR, MONTANA



Block	Acres	Owner	Value	Assessment
1				
2				
3				
4				
5				
6				
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8				
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49				
50				

State of Montana  
 County of Mineral  
 Superior, Montana

cw

File No.....

T. 18 <sup>N</sup> R. 27 <sup>W</sup>

DUPLICATE

County Mineral

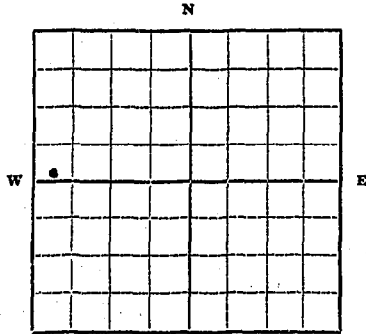
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 26 1963

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

STATE ENGINEER

1. Pearl & S. Margaret Sides of Sta. Regis  
(Name of Appropriator) (Address)  
County of Mineral State of Montana (Town)  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S 1/4

Sec. 33 T 18 R 27W

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, Irrigation and livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 4/3/48

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 yard and garden

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 3/17/48 4/12/48 completion

8. The depth of water table 159' depth to water 17' standing 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" and 176 deep

10. The estimated amount of groundwater withdrawn each year approx. 2 million gallon

11. The log of formations encountered in the drilling of each well if available no records

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.....

Date 12/21/63

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 School of Mines and Quadruplicate for the Appropriator.

12299

File No. 68

- 31726 -

I certify that I received and filed  
 this instrument for record on this  
 23rd day of Dec 1963  
 at 11:35 o'clock P.M.  
 J. Wilkinson  
 County Recorder  
 By Ruthie M. Mow  
 Deputy

COUNTY CLERK & RECORDER  
 MINERAL COUNTY  
 SUPERIOR, MONTANA

*[Faint, mostly illegible text from the reverse side of the document, including what appears to be a signature and some printed text.]*









GW3

RECEIVED

File No. ....

SEP 4 1973 43505

T. 17 R. 27

TRIPPLICATE

County Mineral

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 1, 68

Owner Douglas Church Address Superior

Contractor (if any) None

Address of Contractor

Date Started Date Completed

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

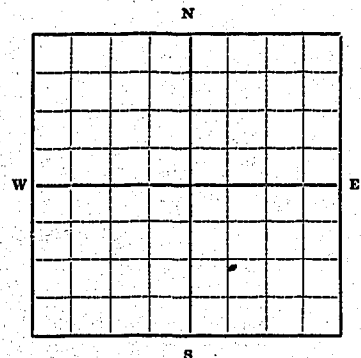
pond approx 30' x 60' 6' deep stock water & irrigation

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

Fills pond 30' x 60' 6' deep with steady use

Signature of Owner Douglas Church

Date June 28, 73



E<sup>2</sup>SW 1/4SE<sup>4</sup> Sec. 8 T. 17 R. 27

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

43505  
June 28, 1973  
2:51 P.M.

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.

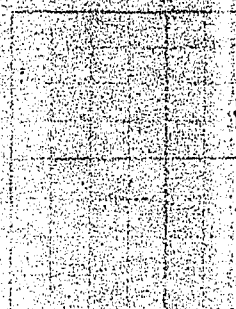
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

56424

43505 (260)

I certify that I received and filed  
this instrument for record on this  
28 day of June 1973  
at 2:51 o'clock P.M.  
**RUTH E. VERLEY**  
County Recorder  
By Shirley Mancini  
Tax \$2.00 Paid Deputy



File No. ....

T. 17 N. R. 27 W. 8

DUPLICATE

County Mineral

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

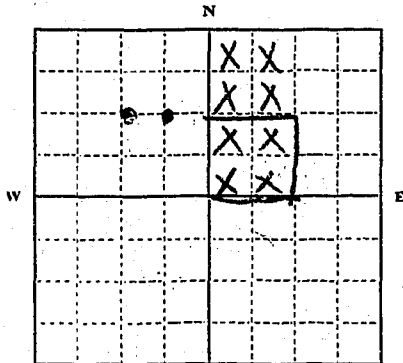
RECEIVED  
JAN 6 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ray L. Johnson of BH 694 Superior  
(Name of Appropriator) (Address) (Town)  
County of Mineral State of Mont.

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



Sub 6  
NW 1/4 NE Sec. 8 T. 17 R. 27

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 & irrigation

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 75 gals.

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  
Sub. 6 - NW 2 NE 4

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. gravity from spring through 1 1/2 pipes.

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

8. The depth of water table. 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.

10. The estimated amount of groundwater withdrawn each year. 25,000,000 gals.

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 Ray L. Johnson  
Date Dec 30 - '63

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

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

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

7-16-63

- 31757 -

I certify that I received and filed  
this instrument for record on this  
30th day of Dec 1963  
at 3:15 o'clock P. M.  
Jawickinson  
County Recorder  
By Ruth C. [unclear]  
Deputy

COUNTY CLERK & RECORDER  
MINERAL COUNTY  
SUPERIOR, MONTANA

File No. ....

T. 17<sup>N</sup> R. 27<sup>W</sup>

DUPLICATE

County Mineral

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

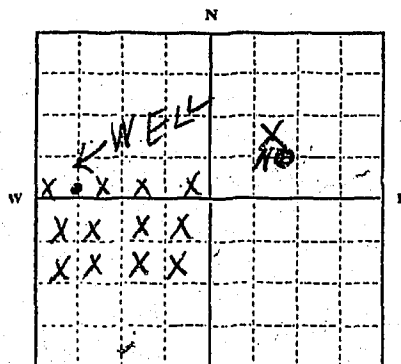
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. J. H. Wanken, of Box 531 Superior  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 NW 1/4  
SW 1/4 SW 1/4 Sec. 14 T. 17 R. 27

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 & irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been used since 1930  
continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 - 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 89.39 acres in T. 17 S. 6 E. SW 1/4

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater WELL WAS DUG BEFORE 1930  
IRRIGATION SINCE 1940.

8. The depth of water table 46 ft. WELL - 35 ft. to 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 6 in casing

10. The estimated amount of groundwater withdrawn each year 210,182,500

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 J. H. Wanken

Date Dec. 27, 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.

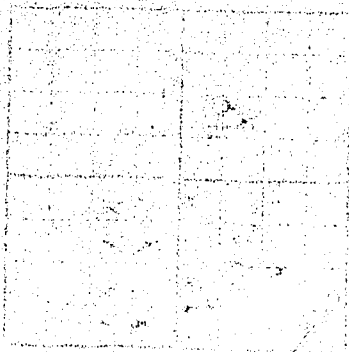
File No. 88

INDEX

3-1756-

I certify that I received and filed  
 this instrument for record on this  
 30th day of Dec 1963  
 at 3:10 o'clock P. M.  
 J. Wickman  
 County Recorder  
 By Bethel M. ... Deputy

COUNTY CLERK & RECORDER  
 MINERAL COUNTY  
 SUPERIOR, MONTANA





GW 1

File No. 43409

T. R.

DUPLICATE

County Mineral

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
MONTANA DEPARTMENT OF AGRICULTURE  
AND FORESTRY  
DIVISION OF WATER RESOURCES CONSERVATION

1. I, Buddy E Campbell of RT 1 Box 32 Superior  
(Name of Appropriator) (Address) (Town)  
County of MINERAL, State of MONTANA, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is Domestic Livestock and irrigation on SE 1/4 SW 1/4 and Lot 6 Sec 15 Twn 17N  
(describe lands to be benefited, if for irrigation) Range 27 W

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 15 GALLONS PER MINUTE

4. The annual period (inclusive dates) of intended use 1 JAN TO 31 DEC.

5. The probable or intended date of first beneficial use 1 July 1973

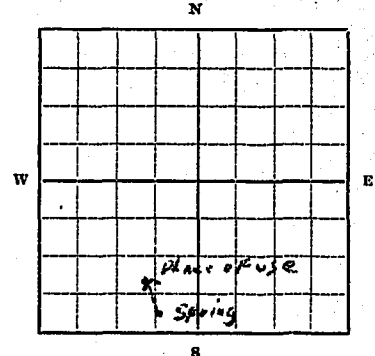
6. The probable or intended date of commencement and completion of the well\* or wells\* NOT APPLICABLE

7. The location, type, size and depth of well or wells contemplated NOT APPLICABLE

8. The probable or estimated depth of the water table or artesian aquifer Spring

9. Name, address and license number of the driller engaged NOT APPLICABLE

10. Give such other similar information as may be useful in carrying out the policy of this act.  
Water to be transported by pipeline 2" initial



43409; 235  
June 12, 1973  
12:22 p.m.

SW 1/4 Sec 15 T17N R27W

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Buddy E Campbell

Date 12 June 1973

\* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

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

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

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

54,014

235

I certify that I received and filed  
 this instrument for record on this  
12 day of June 1973  
 at 12:22 o'clock P.M.  
Rich E. Verley  
 County Recorder

By  
Fee \$2.00 Paid Deputy

*[Faint, mostly illegible text from the reverse side of the document, including what appears to be a deed or contract.]*

*[Faint text from the reverse side of the document, including a date stamp: JUN 13 1973.]*

RECEIVED

AUG 3 1959

STATE ENGINEER

T. 17 R. 27

County Mineral

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Lenaara Montgomery Johnson Address Superior

Driller Geo. Kane Address St. Regis

Date Started 6/24/59 Date Completed 7/6/59

Location: Sec. 15 T. 17 R. 27 1/4 sec. part of lot 546

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

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

Casing galv. steel ft. to 84' 8" ft. Type \_\_\_\_\_ Size 4"

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: 50 feet.

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

Pumping water level 49 feet at 500 gal. per min. hour

How tested: pumped

Length of test: 36 hours

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

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

(over)



GW 2

File No. ....

DUPLICATE

STATE WATER CONSERVATION BOARD

RECEIVED  
AUG 20 1965

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

T. 19 N. R. 27 W.

County Mineral

LOG REFERRED TO \_\_\_\_\_

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 Oriea M. Strissel Address Superior

Driller Kane Water Well Drilling Address St. Regis

Date of Notice of appropriation of groundwater 7/21/65

Date well started 8/2/65 Date completed 8/6/65

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

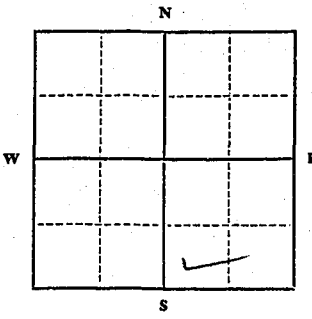
Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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.

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

8 1/2' soil  
17 1/2' coarse gravel and sand  
6' fine sand  
16' boulders and clay  
6' coarse gravel  
12' sand and gravel  
34' sand, gravel and water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" id	6" id 19#	0	100	does not apply		



Static Water Level for non-flowing well ..... 66 ..... feet.

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

Pumping Water Level ..... 71 ..... feet  
at ..... 30 ..... gal. per minute.

Discharge in gal. per min. of flowing well ..... 1 .....

How Tested bailed and pumped .....

Length of Test till clear .....

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

SW 1/4 Sec. 15 T. 17 R. 27

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).

100 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.

25  
Driller's License Number

Engene H. [Signature]  
Driller's Signature

29453

139

- 33565 -

I certify that I received and filed  
 this instrument for record on this  
 14th day of Aug 1965  
 at 2:17 o'clock P.M.  
*Jawickman*  
 County Recorder  
 By *Beatha C. Mues*  
 Fees \$2.00 Deputy

COUNTY CLERK & RECORDER  
 MINERAL COUNTY  
 SUPERIOR, MONTANA

RECEIVED  
 AUG 15 1965  
 ECEIA  
 CIVIL RIGHTS COMMISSION

State of Montana, County of Mineral, I, *Jawickman*, County Recorder, do hereby certify that the within and foregoing instrument is a true and correct copy of the original as the same appears in my office and is a true and correct copy of the original as the same appears in my office.

Witness my hand and the seal of said County Recorder's Office at Superior, Montana, this 14th day of August, 1965.

*Jawickman*  
 County Recorder

Section	Block	Lot	Acres	Owner	Remarks

Legal Subdivision per local county records

GW3

43502

File No.

TRIPPLICATE

RECEIVED

SEP 4 1973

T. 17 R. 27

County Marcel

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION  
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

257, 43502  
June 28, 1973  
2:45 p.m.

Date of Appropriation of Groundwater ~~July 1, 68~~ July 1, 68

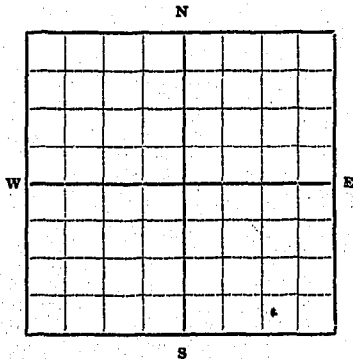
Owner Douglas Clark Address Superior

Contractor (if any) None

Address of Contractor

Date Started Date Completed

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



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

10 acres just - all year

SE 1/4 Sec 11 T. 17 R. 27

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

Signature of Owner Douglas Clark

Date June 28 73

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.

43502 (257)

I certify that I received and filed  
this instrument for record on this  
28 day of June 19 1913  
at 2:45 o'clock P.M.  
Lucie E. Tuley  
County Recorder  
By  
Fee \$2.00 Paid Deputy

*[Faint, mostly illegible text from the instrument body, including a grid area at the bottom right.]*



GWS

File No. ....

43503

T. 17 R. 27

TRIPPLICATE

County Mineral

Sept. 4, 1973

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 1, 68

Owner Douglas Christ Address Superior

Contractor (if any) None

Address of Contractor

Date Started Date Completed

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

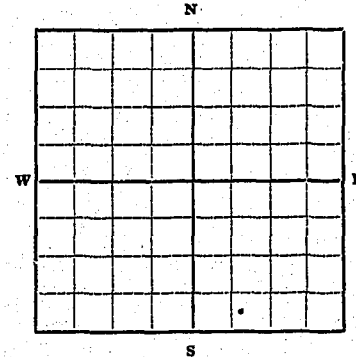
1. Collect water from sub-irrigation

2. Sprinkler pipe

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

tent estimate approximate lengths of periods of use

1977-1978 40 minutes each



SE 1/4 Sec. 16, T. 17, R. 27

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

43503

June 28, 1973

2:47 p.m.

Signature of Owner Douglas Christ

Date June 28, 73

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.

56423

GW3

File No.....

43503

T. 17 R. 27

TRIPPLICATE

County Missoula

Sept. 4, 1973

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 1, 68

Owner Douglas Church Address Superior

Contractor (if any) None

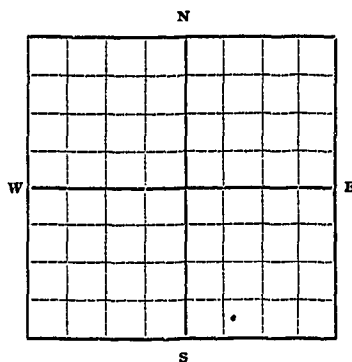
Address of Contractor .....

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

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

collected water from tubing

2 1/2 inch pipe



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

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

approx 40 min per week

SE 1/4 Sec. 16 T. 17 R. 27

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

43503

June 28, 1973

2:47 P.M.

Signature of Owner Douglas Church

Date June 28, 73

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.

56423

43503

258

I certify that I received and filed  
 this instrument for record on this  
28 day of June 1973  
 at 2:47 o'clock P.M.  
**RUTH E. VERLEY**  
 County Recorder  
 By Shirley Mancini  
 Fee \$2.00 Paid Deputy

*[Faint, mostly illegible text from the document body, including what appears to be a deed or contract description.]*

GW 8

RECEIVED

File No. 43504

T. 17 R. 27

TRIPPLICATE

County Mineral

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

43504; 259  
June 28, 1973  
8:49 p.m.

Date of Appropriation of Groundwater July 1, 68

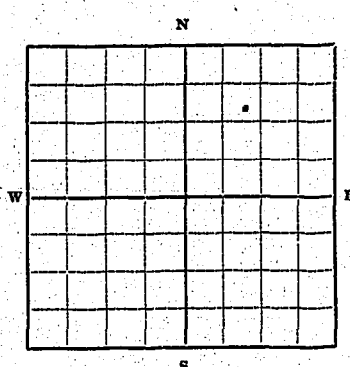
Owner Douglas Church Address Superior

Contractor (if any) None

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. (Spring) used for stock water & sub-irrigation



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

W 1/4 Sec. 17 T. 17 R. 27  
Indicate point of appropriation and place of use, if possible.

approx 10 minutes incl.

Signature of Owner Douglas Church

Date June 28, 73

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.

56409

43504

259

I certify that I received and filed  
this instrument for record on this  
28 day of June 1973  
at 2:49 o'clock P.M.  
RUTH E. VERLEY  
County Recorder  
By Shirley Mancini  
Fee \$2.00 Paid Deputy

GW 1

File No. 43408

T. R.

DUPLICATE

County Mineral

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater  
(Under Chapter 237, Montana Session Laws, 1961)

1. I, Buddy E. Campbell, of RT 1 Box 32 Superior  
(Name of Appropriator) (Address) (Town)  
County of MINERAL, State of MONTANA, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is DOMESTIC & LIVESTOCK  
and IRRIGATION ON SE 1/4 SW 1/4 and Lot 6 Sec 15 T11N R27W  
(describe lands to be benefited, if for irrigation) Range 27 west

3. The rate of use in gallons per minute or miner's inches of groundwater claimed.....  
20 GALLONS PER MINUTE

4. The annual period (inclusive dates) of intended use 1 JAN. TO 31 DEC.

5. The probable or intended date of first beneficial use APRIL 9 1953

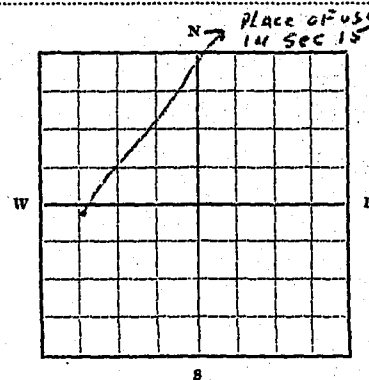
6. The probable or intended date of commencement and completion of the well\* or wells\* .....  
NOT APPLICABLE

7. The location, type, size and depth of well or wells contemplated .....  
NOT APPLICABLE

8. The probable or estimated depth of the water table or artesian aquifer Spring

9. Name, address and license number of the driller engaged .....  
NOT APPLICABLE

10. Give such other similar information as may be useful in carrying out the policy of this act.....  
WATER IS TRANS PORTED BY PIPE LINE  
2" INITIAL. Spring IS KNOWN  
AS OLD SAWMILL SPRING



43409,234  
June 12, 1973  
12:20 PM.

SW 1/4 Sec 22 T11N R27W  
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Buddy E. Campbell

Date 12 June 1973

\* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

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

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

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

234

I certify that I received and filed  
this instrument for record on this  
12 day of June 1973  
at 10:20 o'clock P M  
Ruth E. Verley  
County Recorder  
By Lee R. Paid Deputy

RECEIVED  
COUNTY CLERK  
JUN 13 1973

File No. 66

DUPLICATE

T. 17 N R. 27 W  
County Mineral

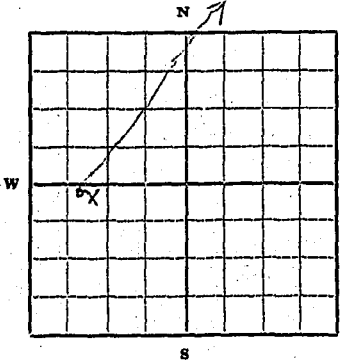
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 23 1963

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

1. Vernon Hueth, of Box 787, Superior  
(Name of Appropriator) (Address) (Town)

County of Mineral State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows: place of use in sec 15



SW 1/4 Sec. 22 T. 17 N R. 27 W

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 April 15 - 1953  
use has been continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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 not used for irrigation  
used in S.E. 1/4 SW 1/4 of sec 15
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pipe

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 9 - 1953 completion
- 8. The depth of water table Spring
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 2 inch reduced to 3/4
- 10. The estimated amount of groundwater withdrawn each year unknown
- 11. The log of formations encountered in the drilling of each well if available no well
- 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 known as old sawmill spring

Signature of Owner Vernon Hueth  
Date Dec. 16 - 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 re'urned.

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

11616



File # 66

*COPY*

-31717-

I certify that I received and filed  
 this instrument for record on this  
19th day of Dec. 1963  
 at 11:45 o'clock A. M.  
J. Att. Delkin  
 County Recorder  
 By \$7.00 Ad. Deputy

COUNTY CLERK & RECORDER  
 MINERAL COUNTY  
 SUPERIOR, MONTANA

DEPARTMENT OF REVENUE  
 STATE OF MONTANA  
 HEAVENLY BODY

RECEIVED  
 DEPARTMENT OF REVENUE  
 SUPERIOR, MONTANA

RECEIVED  
 DEPARTMENT OF REVENUE  
 SUPERIOR, MONTANA

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 DEPARTMENT OF REVENUE  
 SUPERIOR, MONTANA

RECEIVED  
 DEPARTMENT OF REVENUE  
 SUPERIOR, MONTANA

File No. ....

MONTANA WATER RESOURCES BOARD

T. 17 R. 27

DUPLICATE

RECEIVED

County. Blaine Mineral

LOG

MAR 14 1969

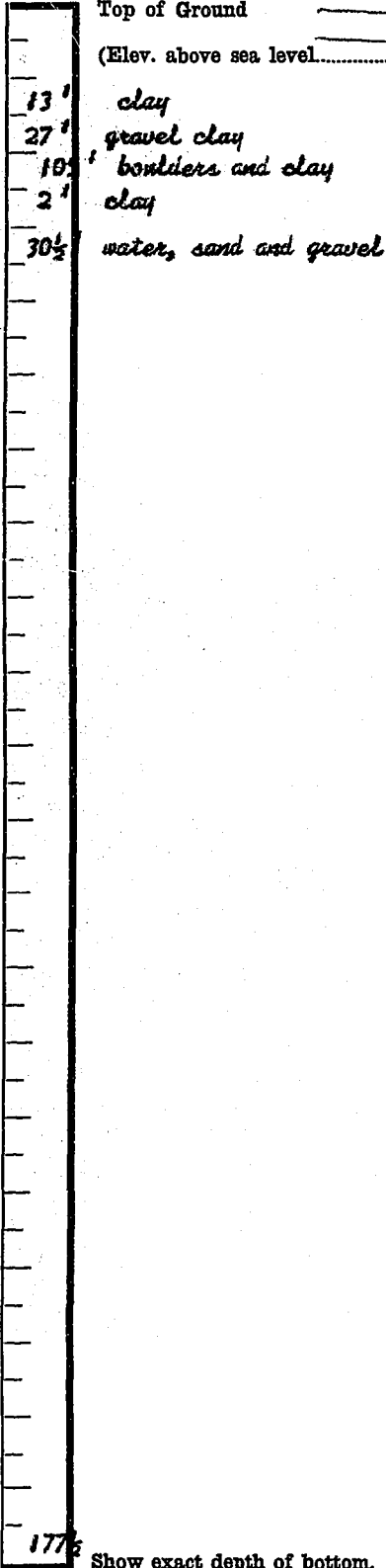
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)



Owner Lee Casper Address Superior

Driller Kase Water Well Drilling Address St. Regis

Date of Notice of appropriation of groundwater 5/16/68

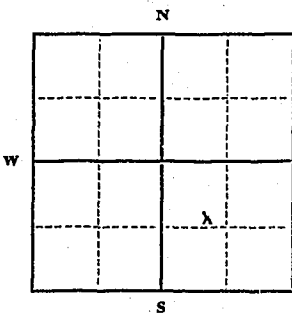
Date well started 5/28/68 Date completed 6/11/68

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)
6" id	6 x 280	0	177 1/2	does not apply		



Static Water Level for non-flowing well 147 feet.

Shut-in Pressure for Flowing Well x

Pumping Water Level 147 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well x

How Tested bailed and pumped

Length of Test til clear

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

NW 1/4 SE Sec 24 T. 17 R. 27  
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).

23

Driller's License Number

Eugene J. Kane  
Driller's Signature

45,062

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.



File No. ....

T. 17 N R. 27W

DUPLICATE

County Mineral

LOG

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)

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

12' cobble gravel  
32' fine sand  
28' gravel and sand  
28' sand, gravel and water

95'

Show exact depth of bottom.

Owner: *Gauss & Green* Address: *Superior*

Driller: *Kane Water Well Drilling* Address: *St. Regis*

Date of Notice of appropriation of groundwater: *8/69*

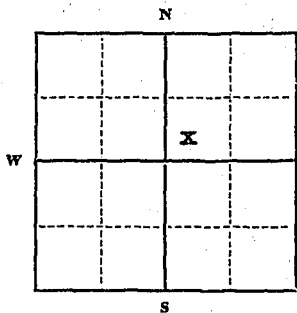
Date well started: *9/69* Date completed: *9/69*

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)
6" id	6 x 280	0	95'	does not apply		



Static Water Level for non-flowing well ..... *62* feet.

Shut-in Pressure for Flowing Well *x*

Pumping Water Level *68* feet at *20* gal. per minute.

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

How Tested *pumped and bailed*

Length of Test *tit clear*

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

SW 1/4 NE Sec. 24 T. 17N R. 27W

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.

Driller's License Number

*[Signature]*  
Driller's Signature

45881



File No. ....

T. 17N. R. 27W

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Mineral

LOG

RECEIVED

MAR 14 1969

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 Donald V. Gull Address Box 36, Star Route Superior, Mont.

Driller Donald V. Gull Address Superior, Montana

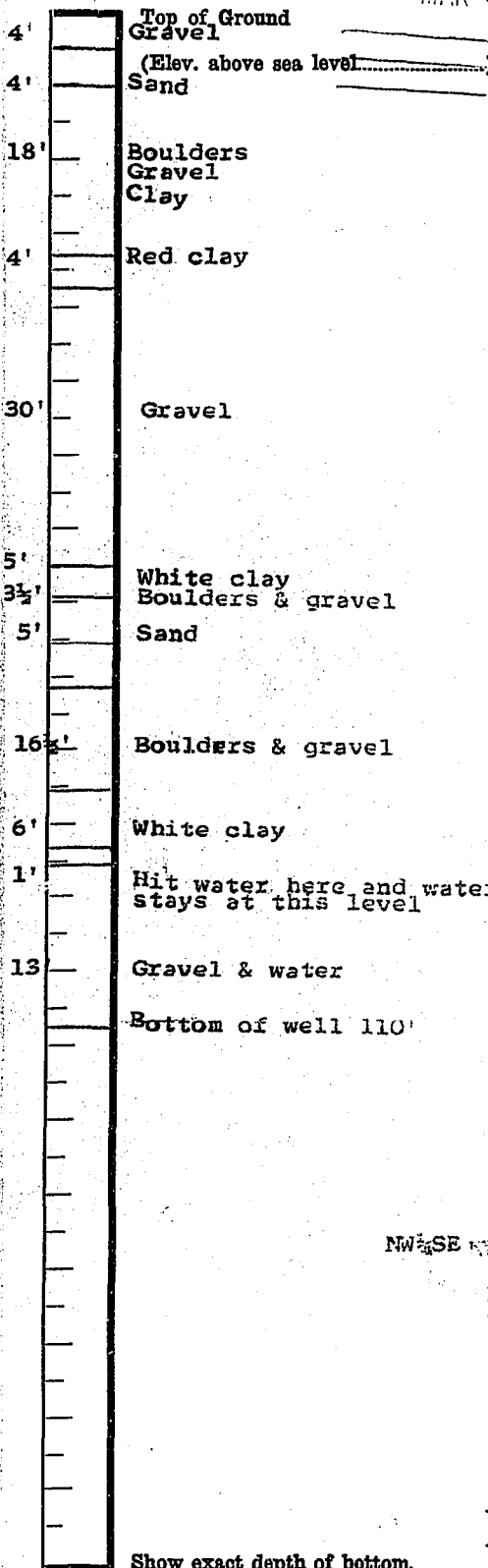
Date of Notice of appropriation of groundwater March 12, 1969

Date well started Nov. 1964 Date completed Oct. 1965

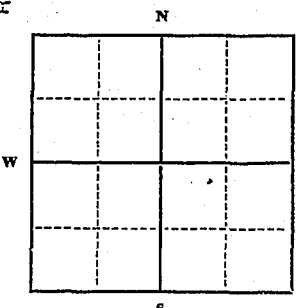
Type of well Hand drilled Equipment used Churn drill  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	4" x 1/2"	0	110	slots 3/16" x 2"	103	109



Static Water Level for non-flowing well 97" feet.  
 Shut-in Pressure for Flowing Well NA  
 Pumping Water Level 96 feet  
 at 10 gal. per minute.  
 Discharge in gal. per min. of flowing well NA  
 How Tested Pumping  
 Length of Test 16 hrs.

NW 1/4 Sec. 24, T. 17N. R. 27W  
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Remarks: (Gravel packing, cementing, packers, type of shutoff)  
The well is in the basement or the dwelling situated 250 feet W of the E line and 320 feet S of the N line of said NW 1/4.

(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).  
11.25 acres in the NW 1/4 of Sec. 24, T. 17N., R. 27 W. between the county road and the Dry Creek road.

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.

Owner  
 Driller's License Number  
Donald V. Gull (owner)  
 Driller's Signature

45,061



STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL  
Developed after January 1, 1962

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner E. N. & Esther R. Jenter  
Address Rt. 1 Box 37  
Superior, Mt. 59872  
Date well started Mar. 22, 1973  
completed April 11, 1973

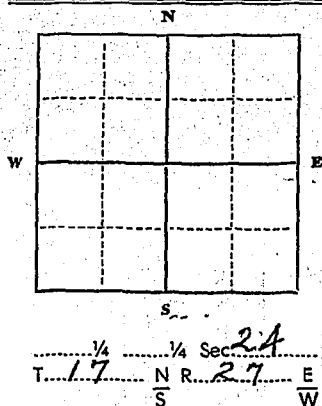
For Administrator's Use	
File <u>229</u>	
<u>MAY 15, 1973</u>	
GW 1	<u>1:50 P.M.</u>

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" id	250 x 6" id	6	243	does not apply		



Static water level 218 ft.\*  
Pumping water level 218 1/2 ft.\*  
at 15 gallons per minute,  
measured 120 minutes after pumping began.  
\*Measured from ground level.  
Well developed by haul & pump  
for 32 hours.  
Power 200 Pump 1 1/2 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

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

Driller's Signature Ernest A. Kane  
Driller's Address St. Regis, Mont. 59866  
LICENSE NO. 23

43301  
RECEIVED  
JUN 15 1973

County Judith

DRILLER'S LOG

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

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	135	sandy soil, layers of brown clay
135	139	rock
139	154	small boulders, brown clay mixed with water gravel
154	157	rock
157	176	gravel, sand, & brown clay
176	179	large boulders
179	214	boulders, gravel, brown clay
214	218	dry gravel
218	243	large gravel, coarse sand, water

243 Show exact depth of bottom

53, 5/8



229

I certify that I received and filed  
 this instrument for record on this  
 15th day of May 1973  
 at 1:50 o'clock P. M.  
 Ruth E. Shirley  
 County Recorder  
 By Fee 25 cc Paid Deputy

EDWARDS COUNTY, MISSOURI

PLAT

SECTION

TRACT

ACRES

ADJACENT PARTIES

REMARKS

...

File No. ....

T. 17 N. R. 27 W. 24

DUPLICATE

County Mineral

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

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

1. Justad, Meade & Emma, of Superior  
(Name of Appropriator) (Address) (Town)  
County of \_\_\_\_\_ State of \_\_\_\_\_  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

		X	X	X
		X	X	X
			X	X
			X	X
			X	X
			X	X

NE 1/4 NE 24 Sec. 24 T. 17 R. 27

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 & irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. well drilled in 1939 used continuously
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gals.
- 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. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1939
- 8. The depth of water table 50'
- 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 80' deep
- 10. The estimated amount of groundwater withdrawn each year 25,000,000
- 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 Emme C. Justad  
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. 24788

File No. 90

- 31758 -

I certify that I received and filed  
 this instrument for record on this  
 30th day of Dec 1968  
 at 4:40 o'clock P. M.  
J. Wilkins  
 County Recorder  
 By Betha Connor  
Jessie J. [unclear] Deputy

COUNTY CLERK & RECORDER  
 MINERAL COUNTY  
 SUPERIOR, MONTANA

County Mineral Twp. 17 North Rge. 26 West

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
11	Henry A. Drenth	HW-4	31759	
18	L. A. & Lilli McKenney	well log	28894	
18	Earl McKenney	HW-4	31747	
20	Reed & Myron Nielsen	HW-4	31787	
23	Montana Power Co	HW-4	29971	
28	Frank Anthony	well log	28291	
28	Jessie M. Elliott	well log	28289	
28	" " "	HW-4	31773	
28	" " "	HW-4	31772	
28	Larry Halblet	well log	26796	
28	Richard Halvenback	HW-2	43509	
28	Jensen Brothers	HW-2	33589	
28	" " "	well log	26816	
28	Rogers & Helma Kan	HW-2	43454	
28	" " "	HW-2	43453	
28	" " "	HW-2	43455	
28	Donald McMillin	well log	29015	
28	Henry Mitchell	HW-2	43525	
28	Otha Upcull	well log	27676	
28	Kenneth Lucas	HW-2	40462	
28	Carl Mathison	well log	29079	
28	Henry A. Mitchell	HW-1	43534	
28	Louella Ruth Verley	HW-4	31777	
30	Charles Voss	HW-2	31735	
* 31	" " "	HW-4	31736	
34	Montana Power Co	HW-4	29972	
34	" " "	HW-2	35317	
35	Jerry & John Bair	HW-2	43080	
35	W. D. Davidson	well log	27677	
35	Superior School Dist. #3	HW-2	40994	
34	M. A. & Bryan	HW-1	43547	
18	J. C. Reynolds	HW-2	35061	
7	Borden, Howard R.	<del>HW</del> GW-1	38324	GW-1 N 6 W-2

File No. ....

T. 17N R. 26W

DUPLICATE

County Mineral

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

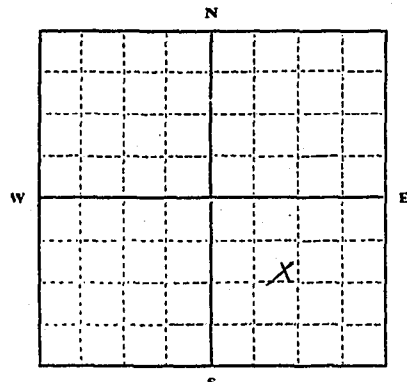
RECEIVED  
JAN 6 1964

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

STATE ENGINEER

1. Henry A. Drentz, of Superior  
(Name of Appropriator) (Address) (Town)

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



Tract #13  
1/4 Sec. 11 T. 17N R. 26W

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 & Garden Lawn Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 30, 1960, continues to present

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 75 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 78 Acre, lawn, garden & trees

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 60' well, electric pump in garage

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to May, 1960

8. The depth of water table 20' first water, 60' second 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 4" well, 60' deep

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 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 Reg. 74-6355 Dated July 23, 1955

Signature of Owner Henry A. Drentz

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.

File No. 91

- 31759 -

I certify that I received and filed  
this instrument for record on this  
31st day of Dec 19 1963  
at 9:30 o'clock, A.M.  
J. Wilkins  
County Recorder  
By: Butler G. Morris  
Deputy

COUNTY CLERK & RECORDER  
MINERAL COUNTY  
SUPERIOR, MONTANA

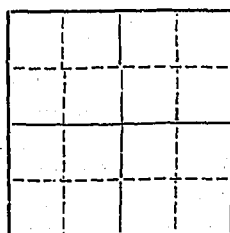
T. 17 R. 26  
County Mineral

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
FEB 9 1961

WATER WELL LOG

STATE ENGINEER



Owner E. W. & Lillian M. Hanson Address Superior Mont.  
Driller A. A. Goodger Address St. Regis  
Date Started July 10, 1957 Date Completed July 27, 1957  
Location: Sec. 18 T. 17 R. 26 ¼ sec.

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: 91 ft. to 114 ft. Type 4 in Size 4 in  
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: \_\_\_\_\_ 30 feet.

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

Pumping water level 65 feet at \_\_\_\_\_ 750 gal. per hour

How tested: pump

Length of test: 3 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	
1	10	Normal soil
10	20	Boulders
20	27	Boulders
27	30	Br Clay and sand
30	68	Gray clay and s sand
<del>68</del>	<del>48</del>	Brown fine sand
70	80	Clay and Br sand
80	90	Water bearing 50% sand + gravel
90		sand and gravel

COUNTY CLERK AND RECORDER  
IN AND FOR MINERAL COUNTY  
STATE OF MONTANA

28894-

I certify that I received and filed  
this instrument for record on this  
7th day of July 19 61  
at 2:10 o'clock P.M.  
Jawill  
County Recorder  
By Butte C. Mearns  
and E. J. P. P. Deputy

7 20 No (32)



GW.

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

File No. ....

T. 17 N. 26 W. 18

DUPLICATE

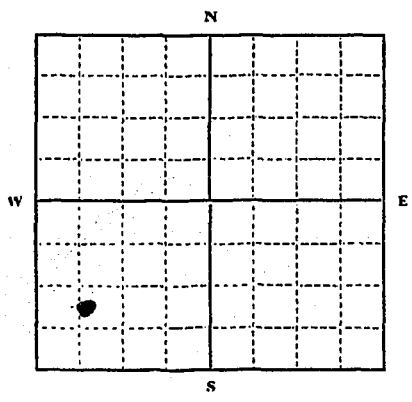
County Mineral

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

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

1. Lee McKinnon, of Angerman Road  
(Name of Appropriator) (Address) (Town)  
County of Mineral State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 18 T. 7 R. 26  
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 & Garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955, Sept.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 750 gal per
- 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. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 1955
- 8. The depth of water table 8.0 ft
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater well - 95 ft deep 4 inch casing
- 10. The estimated amount of groundwater withdrawn each year 100000 gallons
- 11. The log of formations encountered in the drilling of each well if available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner L. McKinnon  
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.

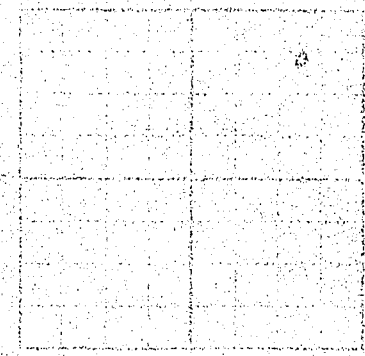
Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 17639

File # 80

~~Copy~~

- 31747 -

I certify that I received and filed  
 this instrument for record on this  
30 day of Dec 1963  
 at 9:40 o'clock A.M.  
J. A. Williams  
 County Recorder  
 By Fee 2.00 Deputy



COUNTY CLERK & RECORDER  
 MINERAL COUNTY  
 SUPERIOR, MONTANA

RECORDED  
 INDEXED  
 JAN 1 1964  
 COUNTY CLERK & RECORDER  
 MINERAL COUNTY  
 SUPERIOR, MONTANA

MINERAL COUNTY  
 SUPERIOR, MONTANA

RECORDED  
 INDEXED  
 JAN 1 1964  
 COUNTY CLERK & RECORDER  
 MINERAL COUNTY  
 SUPERIOR, MONTANA

File No. ....

T. 17 N. R. 26 W

DUPLICATE

County Mineral

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

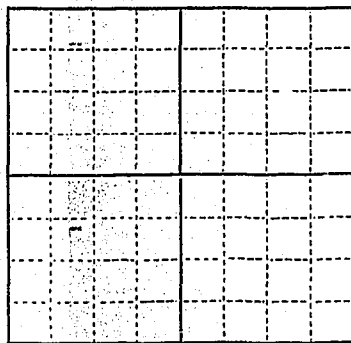
RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Reed and Myrna Nielsen, of Superior  
(Name of Appropriator) (Address) (Town)  
County of Mineral State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Gov. Lot. Sec. 20 T. 17 R. 26

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 irrigation and livestock

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 75 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 Approximately 12 acres, Reed and Myrna Nielsen

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 Exact date not known. Has been in use for more than 30 years

8. The depth of water table not available

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 and electric pump

10. The estimated amount of groundwater withdrawn each year 12,000,000

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 none available

Signature of Owner Myrna Nielsen

Date December 31, 1963

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

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

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

115

RECORDED  
31787-

I certify that I received and filed  
 this instrument for record on this  
 31<sup>st</sup> day of Dec 1963  
 at 4:45 o'clock P. M.  
*J. W. Williams*  
 County Recorder  
 By *Lee* 12-20 P.M. Deputy

COUNTY CLERK & RECORDER  
 MINERAL COUNTY  
 SUPERIOR, MONTANA

*[Faint, mostly illegible text from the reverse side of the document, including what appears to be a signature and some administrative markings.]*