

these logs were received the 1/2/62  
but they were postmarked 12/29/61

(R71 & R75 incl  
C.S.H.)

T. 21 R. 20 31  
County LAKE

AND GEOLOGY RECEIVED  
JAN 4 1962

# WATER WELL LOG

STATE ENGINEER


Owner THOMAS S WOLCHUK Address Roman Mont.

Driller unknown Address unknown

Date Started 19 Date Completed

Location: Sec. 31 T. 21 R. 20 1/4 sec NE 1/4

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 217 ft. to deep. ft. Type Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations

Static Water level, for non-flowing well: 97 feet

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

Pumping water level 97 feet at gal. per min.

How tested: It hasn't been tested

Length of test: Don't have information

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

It hasn't been tested because it was drilled and was pumped by a windmill until about 15 years ago an electric pump was put on & the water was pumped by both windmill & electric pump.

R-75

153004

Water well log

Thomas S. Wolchuk

To

The Public

STATE OF MONTANA

County of Lake,

Filed on the 2 day of Jan

A. D. 1967 at 11:20 o'clock A.M.

HAZEL KINNICK

County Clerk and Recorder

By Roberta Moore

Deputy

File No. ....

T. 21 N. R. 20 W.

DUPLICATE

County—Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

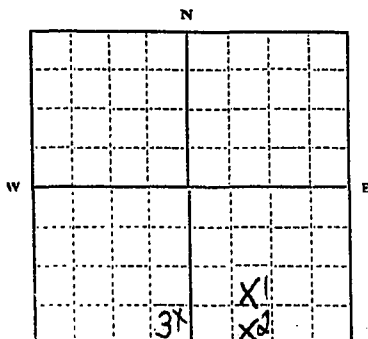
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Harold A. Guenzler, of Ronan  
(Name of Appropriator) (Address) (Town)

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



#1 in NE 1/4 SW 1/4 Sec. 33  
#2 in SE 1/4 SW 1/4 Sec. 33  
#3 in SE 1/4 SW 1/4 Sec. 33 T. 21 R. 20

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

2. The beneficial use on which the claim is based  
domestic use (each of 3 wells)
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. #1, 1936; #2 1957 #3 1940  
continuous use on all 3
4. The amount of groundwater claimed (in miner's inches or gallons per minute) about 1 gal. per minute each well
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 other than flowers etc.  
included in domestic use
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal water taken  
by pump from each well; wells are near dwell-  
ings on each parcel as indicated on plat.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. #1 began & finished in 1936; #2 began & finished in 1957  
#3 began & finished in 1940, all are dug wells
8. The depth of water table. #1 about 30 ft. #2 about 10 ft. #3 about 20 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. all dug wells about 6 ft by 6 ft. water  
taken by pump
10. The estimated amount of groundwater withdrawn each year. #1 estimated 200,000 gallons  
#2 estimated 200,000 gallons  
#3 estimated 200,000 gallons
11. The log of formations encountered in the drilling of each well if available.  
none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. none

Signature of Owner

Harold A. Guenzler

Date December 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.

14904

R-498

162788

Water Report

Harold A. Guenzler  
to

The Public

STATE OF MONTANA  
County of Lake,

Filed on the 26 day of June  
A.D. 1963 at 5 o'clock P.M.

*[Signature]*  
County Clerk and Recorder

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

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

T. 21N R. 20W

DUPLICATE

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DEC 30 1963

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 27 1963Owner Herbert MeidingerAddress RONAN MONTANA

Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_

Date Completed \_\_\_\_\_

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

used for stock

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.

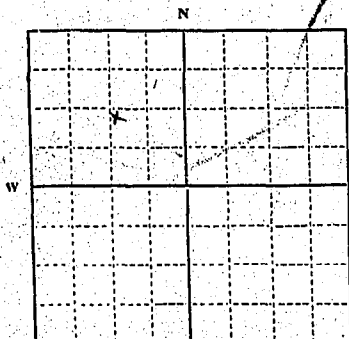
Used continually  
summer & winterSignature of Owner Herbert MeidingerDate Dec 27 1963

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

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

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

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

SE 4 NE 1/4 Sec. 34 T. 21 R. 20

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

RS 41

162862

Water Report

Herbert & Anna Meidinger  
to  
The Public

STATE OF MONTANA

County of Lake,

Filed on the 27 day of Dec

A. D. 1963 at 3:50 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

E. Cowman

Deputy

\$ 2.00

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner **Margaret Ann and  
S. T. McDonald III**

Address **Ronan, Montana**

Date well started **5/28/70**

completed **6/25/70**

Type of well **Drilled**

Equipment used **Cable tools**

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒

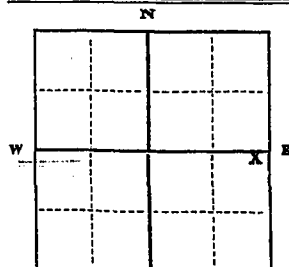
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

\*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). **Approximately 5 acres.**

ESTIMATED ANNUAL WITHDRAWAL **Unknown**

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" x 3/4"	+1	380' 6"	N O N E		



NE 1/4 Sec. 35 &  
NW 1/4 Sec. 36  
T. 21 N. R. 20 E.  
S (over) W

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

LIBERTY DRILLING & PUMP COMPANY

Driller's Signature *William D. Osborne*

Driller's Address **2500 Reserve**

**Missoula, Montana**

LICENSE NO. **52**

MONTANA WATER RESOURCES BOARD  
RECEIVED  
FEB 11 1971

21N-20W  
Lake  
County

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.

Approx. **3060'**

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	1	Black dirt.
1	18	Tan silty clay.
18	28	Brown sand imbedded in tan silt.
28	61	Tan silt.
61	80	Brown sand imbedded in tan silt.
80	329	Tan clay and gravel mixed.
329	376	Gravel imbedded in gray clay.
376	380'	Blue gravel. Water.

Static water level **flowing** ft.\*  
Pumping water level **21** ft.\*  
at **30** gallons per minute,  
measured **2 1/2** hours after pumping began.  
\*Measured from ground level  
Well developed by **Air Lift Pump**  
for **2 1/2** hours.  
Power **230 V** Pump **1** HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) **All water entering well through open bottom of six inch casing.**

**380' ft** Show exact depth of bottom  
Well flowing **5** gallons per minute free flow over top of casing.  
**481 2/3**

R- 1249

197229

**WELL REPORT**

**Margaret Ann McDonald &  
S. T. McDonald III**

to

**The Public**

STATE OF MONTANA ) ss  
County of Lake )

Filed on the 10th Day of  
Feb. A.D. 1971 at 12:25 PM

**ETHEL M. HARDING**  
County Clerk and Recorder

By *J. Dewar Bente*  
Deputy

2.00



GW

Approved Stock Form—State Publishing Co., Helena, Montana—38496

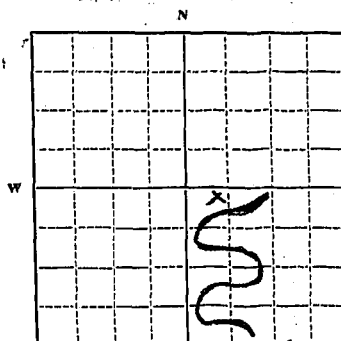
File No.  
DUPLICATET. 21 R. 20  
County LakeSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
FEB 18 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Minie Peterson  
Nector Peterson of Ronan  
 (Name of Appropriator) (Address) (Town)  
 County of Lake State of Montana  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



*the X marks the place  
 where the well is*  
 NE 1/4 Sec 36 T. 21 R. 20

*5 1/2*  
 Indicate point of appropriation  
 and place of use, if possible.  
 Each small square represents 10  
 acres.

2. The beneficial use on which the claim is based Stock Water  
have half and lawn and garden
3. Date or approximate date of earliest beneficial use; and how con-  
 tinuous the use has been I don't know I bought  
the place on May 13 - 1960. since then  
we use it every day
4. The amount of groundwater claimed (in miner's inches or gallons  
 per minute) 730,000 gallons per year
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  
about 1/2 acre lawn and garden  
Nector and Minie Peterson
6. The means of withdrawing such water from the ground and the  
 location of each well or other means of withdrawal  
Water is being pumped

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
 drawal of groundwater this I don't know. as far as I bought  
on May 13 - 1960
8. The depth of water table don't know the depth of 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 depth of well 77 feet  
No other works for the withdrawal of groundwater
10. The estimated amount of groundwater withdrawn each year 730,000
11. The log of formations encountered in the drilling of each well if available  
cannot answer
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 cannot answer

Signature of Owner

Minie Peterson  
Nector Peterson

Date Dec 10, 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.

3644

R143

158496

Water Report  
Mina & Victor Peterson  
to  
The Public

STATE OF MONTANA

County of Lake,

Filed on the 15 day of Feb  
A. D. 1963 at 4:45 o'clock P. M.

HAZEL KINNICK

County Clerk & Recorder

By

G. Cowman

200

Deputy

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

T 21 R 20

DUPLICATE

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

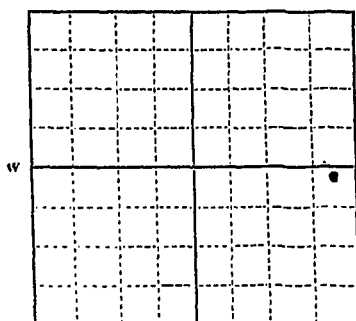
RECEIVED  
APR 29 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Victor Storkel, of Roman  
(Name of Appropriator) (Address) (Town)  
County of Lake State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



7e 1/4 Sec 36 T.21 R.30

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 Homesite  
stock and some irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 28 1958

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 700

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 15 acres

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 23 1958 June 30 1958

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 drilled 3 casing 154 ft deep

10. The estimated amount of groundwater withdrawn each year 36288000

11. The log of formations encountered in the drilling of each well if available 18' - 49' fine sand and gravel, 48' - 100' soft clay, 100' - 154' hard pan, 154' gravel flowing 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 \_\_\_\_\_

Signature of Owner Victor Storkel

Date 4-27-64

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.

35653

R. 940

165254

Well Report

Victor Starbel

To  
The Public

STATE OF MONTANA

County of Lake,

Filed on the 27 day of April

A. D. 1964 at 9 o'clock A. M.

HAZEL KINNICK

County Clerk and Recorder

By C. Cowman

Deputy

GW 2, 2

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

DUPLICATE

**RECEIVED**

DEC 22 1971

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

Approved Stock Form—State Publishing Co., Helena, Montana—38496

T. 21 N R. 20 W

County Lake

STATE OF MONTANA  
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)

Top of Ground  
(Elev. above sea level 3030)

Doc. No. 201622 R-1311

Filed for record

this 21 day of December

A. D. 19 71, at 11:32

o'clock 4 M.

Owner Glen R. Wunderlich Address Bonan, Montana

Driller J. R. Billmeyer Address Polson, Montana

Date of Notice of Appropriation of Groundwater 11/13/71

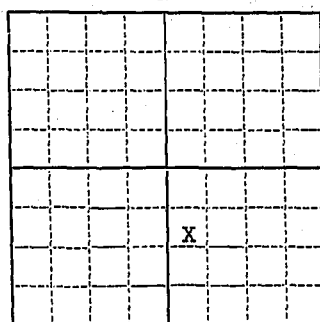
Date well started 10/26/71 Date Completed 10/28/71

Type of well Drilled Equipment Used Rotary  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) 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)
4"	5/8" thick 7" I.D.	2' above	146' down	N O N E		



NW 1/4 SE Sec 36 T21N R20W  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well Flowing feet.

Shut-in Pressure for Flowing Well 3 lb.

Pumping Water Level Artesian feet at 200 gal per minute.

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

How Tested Drill Rig Length of Test 6 hr.

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

705  
Driller's License Number

J. R. Billmeyer  
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.

49621

R- 1311

201622  
WELL REPORT

GLEN R. WUNDERLICH  
TO  
THE PUBLIC

STATE OF MONTANA } ss  
County of Lake  
Filed on the 21 day of Dec.  
A.D. 1971 at 11:32 A.M.  
ETHEL M. HARDING  
County Clerk and Recorder  
By *Louise Palmer* Deputy

RECORDS AND CONSERVATION  
MONTANA DEPARTMENT OF  
HEALTH AND HUMAN SERVICES

DEC 23 1971

RECEIVED

Resources and Conservation  
Engineering Bureau  
Groundwater Section  
Sam W. Mitchell Building  
Helena, Montana 59601  
As the Administrator of the Groundwater Section  
note of the following special instructions:  
Special Instructions:  
(For Information)  
Code specifically states that  
beneficial use of the  
water which controls  
he shall also  
equipped with  
when the  
both fl

Montana Department of Natural Resources and Conservation  
Engineering Bureau  
Groundwater Section  
Sam W. Mitchell Building  
Helena, Montana 59601

Sent on  
1/10/72

Owner Talen R. Wunderlich  
Address Ragan, Montana 59864  
Location T. 21N R. 20W Sec. 36  
Doc. No. 201622, R-1311

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

(For Informational Purposes Only) --- The Groundwater Code specifically states, "No groundwaters shall be wasted without beneficial use. The administrator shall require all wells producing water which contaminate other waters to be plugged or clogged. He shall also require all flowing wells to be so clogged or equipped with valves that the flow of water can be stopped when the water is not being put to beneficial use. Likewise, both flowing and non-flowing wells shall be so constructed and

(OVER)

File No. ....

DUPLICATE

T. 21 R. 20

County Salt Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

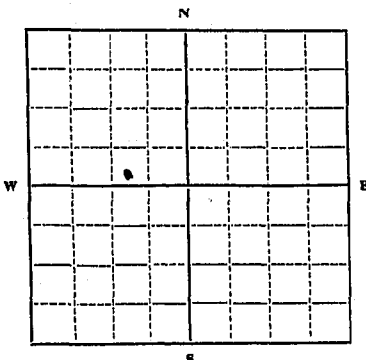
RECEIVED  
MAY 22 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ray Parent of Donon  
(Name of Appropriator) (Address) (Town)  
County of Salt Lake State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Dec 1-58 and on

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.0 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 yard and garden adjacent to well Ray Parent owner

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Start Oct 15-58 Complete Dec 1-58

8. The depth of water table flowing well

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled 6 inch casing, Depth 308 feet

10. The estimated amount of groundwater withdrawn each year 18,000 gallons

11. The log of formations encountered in the drilling of each well if available 96 feet sand clay to 134 feet gray sand clay to 255 feet clay with gravel and boulders to 277 feet sand gravel then clay aquifer gray sand gravel flowing 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 none

Signature of Owner Ray Parent

Date May 7-62

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 Quaduplicate for the Appropriator.



R-89

155118

Water Well Report

Ray Parent

to  
The Public

STATE OF MO. NA

County of Lake,

Filed on the 21 day of May

A. D. 1902 at 9:45 o'clock A. M.

HAZEL KINNICK

County Clerk and Recorder

By M. Kraus

Deputy

200

GW

Approved Stock Form—State Publishing Co., Helena, Montana—4234

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

T 21<sup>N</sup> R 20<sup>W</sup>

DUPLICATE

County \_\_\_\_\_

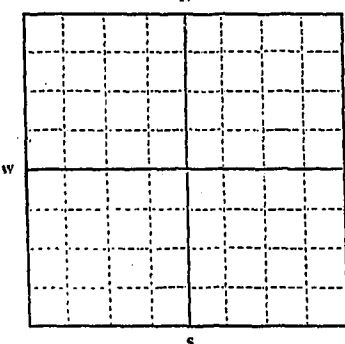
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 2 1964  
STATE ENGINEER

1. St Pauls Lutheran Church of St Pauls Lutheran (town)  
County of Deer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962.



1/4 Sec. 21 20

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. Church + lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1949 continuous

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Church lawn three to 6 lots

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. march 1949 march 1949

8. The depth of water table. 6' to 8' of water 36 ft deep

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner

Date

St Pauls Lutheran  
Walter Mangala  
12/30/63

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.

17469

R-667 67999  
Water Report  
St. Pauls Lutheran  
Church  
To  
The Public

STATE OF MONTANA  
County of Lake  
Filed on the 31 day of Dec  
A. D. 1903 at 3:29 clock P. M.  
S. J. [Signature]  
County Clerk and Recorder

By \_\_\_\_\_ Deputed

GW2

File No. ....

DUPLICATE

T

R

County

Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

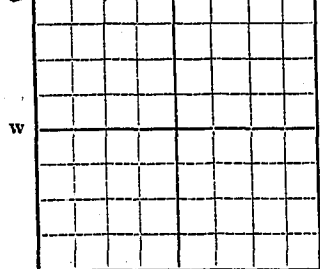
Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

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

0' to 1' Top Soil  
1' to 4' Blue Green Clay  
4' to 5' Clay & gravel  
5' to 17' Blue-green clay  
17' to 21' Silt & Blue clay  
21' to 35' Brown clay  
& gravel  
35' to 73' Brown clay &  
gravel (Bottom of 8" Casing)  
73' to 102' Clay & gravel  
102' to 103' Silty sand  
and water (Flows 6 G.P.M.  
over top)

103' to 192' Clay &  
gravel  
192' to 202' Silty sand  
& gravel  
202' to 215' Clay & gravel  
215' to 236' Silty sand  
& gravel  
236' to 320' Tight clay  
& gravel (267' a little water)



..... 1/4 Sec. .... T. .... R. ....

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

320 to 321' Dirty gravel & water

Show exact depth of bottom.

321' to 333' Tight sand & water (water from 334 to 339)

333' to 339' Loose sand & gravel

339' to 345' Clay with large gravel No water

Owner City of Ronan Address Ronan, Montana

Driller Glen Camp Address Missoula, Montana

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

Date well started 8/1/61 Date Completed 9/23/61

Type of well drilled Equipment Used Churn drill  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) 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)
above G.L.							
1'-5" to 74'-5"	8" I.D.	24 lbs					
	6" I.D.	18.97 lbs			Mills knife	3" by 2 1/2"	
1'-10" above G.L.		seamless				329'	340'
to 346'-10"					from G.L.		
bottom and					12 holes to foot		
swaged out.					total of 152 holes		

Static Water Level for non-flowing Well .....

Shut-in Pressure for Flowing Well 7 lbs

Pumping Water Level .....

Discharge in gal. per min. of flowing well 150 G.P.M.  
300 G.P.M.

How Tested Test pump Length of Test .....

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)

8" pipe grouted in with 30 sacks of cement

and 5 yards of concrete around top.

100 lb lead plug in bottom of casing

Swaged out.

Licence # 7

Driller's License Number

Driller's Signature

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

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

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

2090

R-113

156547

156547

State & all Log  
City of Rosam  
The Public

STATE OF MONTANA }  
County of Lake,  
Filed on the 12 day of Sept  
A. D. 1962 at 9:50 o'clock A. M.  
HAZEL KINNICK  
County Clerk and Recorder  
By M. Kraus  
Deputy

Free

County Lake Twp. 21N Rge. 19W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	Phon Creek Lumber Co.	GW4	163159	
4	Brower, Ralph	GW3	166815	
4	Chapman, Thomas + Donna	GW3	199150	
4	Cite, Pat B + Peggy F	GW3	184901	
4	Murphy, Hubert W	GW4	162784	
4	Murphy, Robert B	GW3	193790	
4	Schiele, Ron	GW2	208795	
4+5	Sell, William H.	GW3	160631	
5	Kugler, Harry	GW2	202721	
5	Livingston, C. E. + Letha	GW2	158052	
5	Livingston, Calvin E + Letha E	GW4	181359	
5	Livingston, Calvin E + Letha E	GW4	181360	
5	Lias, Jim	GW2	202713	
5	Tollefson, Ronald E.	GW4	162928	
6	Coburn, Harvey H	GW4	163304	
6	Dupuis, A. H.	GW2	168872	
6	Newgard, Howard + Ruth	GW3	181591	
7	Charmont, Alphonse Harry	GW2	210443	
8	Charvat, Joseph + Emma	GW4	163049	
8	Gallagher, James V. + Doreen A	GW4	163187	
8	Shelton, Cecil	GW2	186549	
8	Thompson, Gordon	57 well log	148816	
9	Mueller, Larry	GW2	209838	
16	McDonough, Jack	GW2	206666	
16	McLroy, Floyd	GW2	209377	
16	Mocabe, Edna	GW2	191485	
17	Adley, Harold C + Margaret J.	GW4	162789	
17	Gallagher, Richard	GW2	204930	
17	Ridley, Elva L + Bula	GW4	162736	
17	Stout, John R + Camille E.	GW2	196666	
17	Williams, Wm. Patrick + Vivian Louise	GW2	198372	
18	Krony, Tom + Bonnie	GW3	202679	
18	Salomon, Peter A JR.	GW4	162602	
18	Wright, Archie R.	GW4	162423	
19	Stark, C. Max	GW4	163033	
20	Milroy, Billie C.	GW2	1252	
20	Powell, Art	GW2	201832	
20	Roullier, Helen E	GW2	202146	P.H.S. Indian Health Serv
20	Vance, Harold	GW2	200231	
25	Cook, Laura Joan	GW3	192725	
28	Evans, Richard	GW2	168902	
29	Shafar, Les	GW2	210557	
29	Sparks, Roscoe	GW4	162800	
30	Normandeau, H. H.	GW3	182974	
30	Normandeau, Irene + Henry	GW4	158836	
30	Raitor, Frank A.	GW4	162686	

## GROUNDWATER INDEX

County Lake Twp. 21N Rge. 19W

[illegible]

GW.

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

File No. ....

T. 21N R. 19W

DUPLICATE

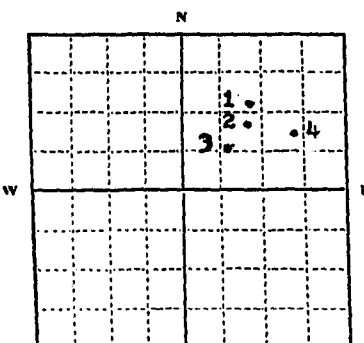
County LAKE

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. Plum Creek Lumber Co, of 1 Mile North of Pablo  
(Name of Appropriator) (Address) (Town)  
County of LAKE State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lots 1 & 2 west of Hiway containing  
74.42 acres all in Sec 2, T. 21N, R. 19W and  
1/4 Sec. 2, T. 21N, R. 19W west of Hiway

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

2. The beneficial use on which the claim is based  
Water used for Industrial & Drinking Purposes

3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been Well #1 - May, 1958  
Well #2 - June, 1960  
Well #3 - Sept, 1960  
Well #4 - 1920

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 1,000 gal/min all 4 wells combined

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 loca-  
tion of each well or other means of withdrawal #1- 20 HP Turbine Pump  
#2- 15 HP Turbine Pump  
#3- 5 HP Jet pump #4 - 2 HP Jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater #1 - May, 1958 #3 - Sept, 1960  
#2 - June, 1960 #4 - 1920

8. The depth of water table #1-350', #2 - 350', #3 - 60', #4 - 36'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater #1 - 420' deep 8" casing, #2 - 400' deep 8" casing  
#3 - 80' deep 6" casing  
#4 - 60' deep 24" hand dug

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

Plum Creek Lumber Co  
Signature of Owner by [Signature]  
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; Triuplicate to the Montana Bureau of  
Mines and Geology, and Quadruplicate for the Appropriator.

24314



R 813  
163159

STATE OF MONTANA

County of Lake

Filed on the 31 day of *Dec*

A. D. 1963 at 4:30 o'clock *P.M.*

HAZEL KINNICK

County Clerk and Recorder

By *G. Cowan*

Deputy

File No. R-201T. 21 N R. 19 W

DUPLICATE

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
AUG 21 1963

Notice of Completion of Groundwater Appropriation  
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Aug. 19, 1935Owner Ralph BrowerAddress Ronan, Mont.Contractor (if any) noneAddress of Contractor noneDate Started Aug. 1935 Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. collection of flow of various springs into cement box approx. 6 ft. square thence by 2 inch pipe and also ditch to the SE 1/4 Sec. 4, T. 21 N., R. 19 W. MN.

One series of springs are situate about 600 ft. east of approx. center of east line of SE 1/4 4-21-19, which run into cement box approx. 100 ft. east of east line above mentioned. Other spring is about 150 ft. south of NE corner of said SE 1/4.

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

during irrigating season for irrigation

Water right is claimed on the above mentioned springs situate on the SE 1/4 of Sec. 4, T. 21 N. R. 19 W.

Signature of Owner

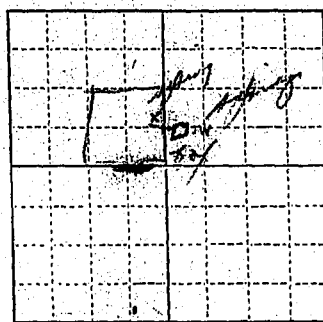
Ralph Brower Edith A. BrownDate Aug 16, 1963

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.



1/4 Sec. T. R.

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

Russ

166815

Ralph Bruner  
encl

RECEIVED

CIVIL ENGINEER

STATE OF MONTANA  
County of Lake

Filed on the 16 day of Aug  
A. D. 1903 at 3:45 o'clock  
Jagat K. K. K.  
County Clerk and Recorder

By

200

Deputy

File No.

RECEIVED

T. 21N R. 19W

QUADRUPLICATE

JUL 7 1971

County Lake

Doc. No. R 1275 19750

Filed for record

STATE OF MONTANA

This 6 day of July

ADMINISTRATOR OF GROUNDWATER CODE

A. D. 1971, at 10:52

OFFICE OF STATE ENGINEER

clock P. M.

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

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Thomas &amp; Donna

Rte. 1 - Box 76

Owner Chapman

Address Ronan, Montana 59864

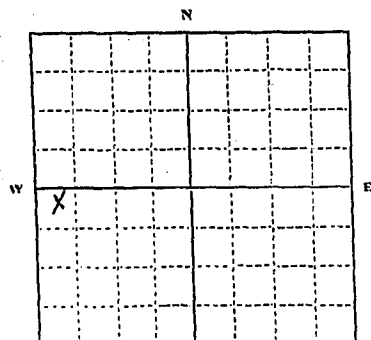
None

Contractor (if any)

None

Address of Contractor

Date Started not applic/able Date Completed not applicable



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

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

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) By means of a spring which has been curbed by owner and piped to the house for domestic use. Depth is not applicable here as the spring comes out on surface.

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

3) Depth of water table Flowing well.

4) Use of the water Domestic water and for irrigation.

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) Entire flow of spring estimated as flow of 2" pipe continually.

6) If used for irrigation, give number of acres and description of land Estimate approx. one acre in W1/4NW1/4SW1/4, Section 4, Township 21 North, Range 19 West.

7) Estimate amount of water used each year Estimate two million gallons.

Signature of Owner

Thomas &amp; Donna Chapman

Date June, 1971

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.

NOTE: Location of spring was mis-stated by prior owner, William H. Sell, in Notice dated July 31, 1963.

48704

B-1275 199150

THOMAS R. & DONNA  
CHAPMAN

TO

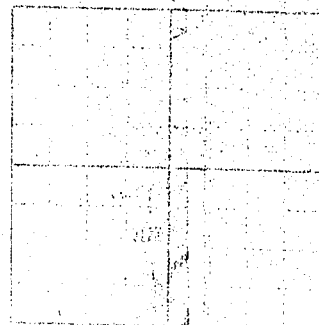
THE PUBLIC

WELL REPORT

STATE OF MONTANA  
COUNTY OF LAKE  
Filed on the 6th day of  
July, A.D. 1971 at  
10:52 o'clock A.M.

ETHEL M. HARDING

By) William L. Hardy  
Deputy



RECORDED  
INDEXED  
MONTANA DEPARTMENT OF REVENUE  
BOZEMAN, MONTANA

File No. ....

T. 21N R. 19W

DUPLICATE

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

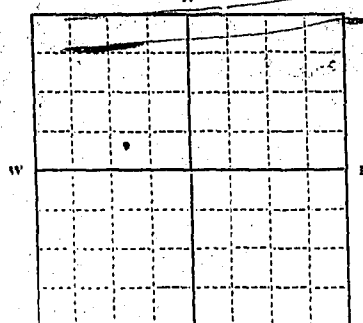
Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

MONTANA WATER RESOURCES BOARD

RECEIVED

JUN 14 1968

SW  $\frac{1}{4}$  Sec. 4 T. 21N R. 19WIndicate point of appropriation  
and place of use, if possible.

Date of Appropriation of Groundwater.....  
Owner Pat E. Cote and Peggy I. Cote, husband  
and wife, Address Ronan, Montana

Contractor (if any).....self

Address of Contractor .....

Date Started May 15, 1968 Date Completed.....

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

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

3) Depth of water table.....surface

4) Use of the water.....domestic, stock water and  
irrigation on SW  $\frac{1}{4}$  Sec. 4 T. 21 N. R. 19 W.

5) Amount of groundwater claimed (in miner's inches, or gallons  
per minute).....40 miner's inches

6) If used for irrigation, give number of acres and description of  
land.....40 acres, SW  $\frac{1}{4}$  Sec. 4, T. 21 N., R. 19 W.

7) Estimate amount of water used each year.....  
40 miners inches

Signature of Owner.....Pat E. Cote

Date.....

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.

44,233

R1115 184901  
Water Well Report  
Pat B. Cote  
Peggy D. Cote  
to

The Public

STATE OF MONTANA  
County of Lake

Filed on the 12th day of June

A.D. 1968 11:45 o'clock A.M.

Ethel M. Harding  
County Clerk and Recorder

By Deputy

File No. ....

T. 21 N. R. 19 W.

DUPLICATE

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

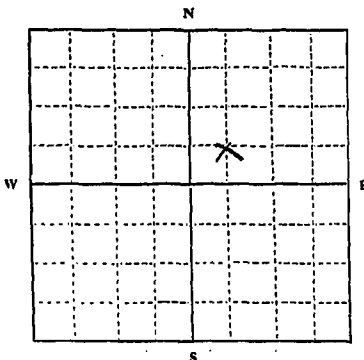
RECEIVED  
DEC 30 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Hubert W. Murphy, of Indianapolis,  
(Name of Appropriator) (Address) (Town)  
County of \_\_\_\_\_ State of Indiana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NE 1/4 Sec. 4, T21, R19

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  
irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1936, continuous since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 miners inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Southwest quarter of Southwest quarter of North east quarter (SW 1/4 NE 1/4) and NW 1/4 NE 1/4 Sec. 4, T. 21 N., R. 19 W. and NE 1/4 NE 1/4 said Sec. 4.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal springs and seepage rising in about 3 acre area in approximate center of SW 1/4 NE 1/4 said Sec. Four.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1936 commenced and completed construction of pick up ditches to take and spread water to other parts of the forty acres.
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 surface, springs and seepage from springs
10. The estimated amount of groundwater withdrawn each year about three acre feet per acre used each yr.
11. The log of formations encountered in the drilling of each well if available  
none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
none

Hubert W. Murphy

by Robert B. Murphy  
Attorney in Fact.

Signature of Owner

Atty. in fact.

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.

44901



R-495

162784

Water Report  
Hubert A. Murphy  
to  
The Public

STATE OF MONTANA  
County of Lake  
Filed on the 26 day of June  
A. D. 1963 at 4:30'clock P.M.  
Deputy  
County Clerk and Recorder

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

UW 3

MONTANA WATER RESOURCES BOARD

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—39318

File No.

MAY 28 1970

T. 21 N. R. 19 W.

DUPLICATE

County Lake

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 1936

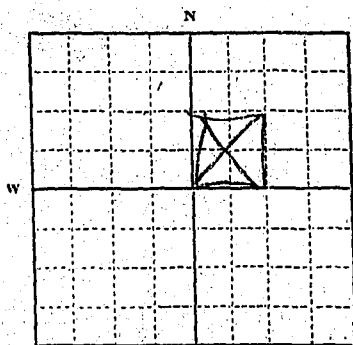
Owner Robert B. Murphy Address Ronan, Mont.

Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started 1936 Date Completed 1936

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. several springs located and situate on the Southwest quarter of the North-east quarter (SWNE 1/4) Section Four (4), T. 21 N. R. 19 W. MM, water therefrom obtained by sub-irrigation, and by ditching, for domestic use, stock water and irrigation of said SWNE 1/4.



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

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

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

estimate approximate lengths of periods of use.

stock water 12 months each year, irrigation 6 months per year except subirrigation is continuous. Quantity estimated at 30 miners inches

Signature of Owner Robert B. Murphy

Date May 25, 1970

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.

Doc. No. 193790  
Filed for record  
this 27 day of May  
A. D. 1970, at 10:17  
o'clock PM.

46489

R-1208

#193790

ROBERT B. MURPHY

TO

THE PUBLIC

STATE OF MONTANA }  
County of Lake } ss

Filed on the 27 day of May

A. D. 1970 at 10:17 o'clock AM

ETHEL M. HARDING

County Clerk and Recorder

*J. Lowell Bantz*  
Deputy

52, 809

#208795

R- 1431

RON SCHIELE

TO

THE PUBLIC

WELL REPORT

STATE OF MONTANA } ss  
County of Lake }

Filed on the 14 day of April

A. D. 19 73 at 2:35 o'clock p. M

ETHEL M. HARDING

County Clerk and Recorder

By Margaret Brueggeman  
Deputy

2.00

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

T. 21 N. R. 19 W.

DUPLICATE

County Lake

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)

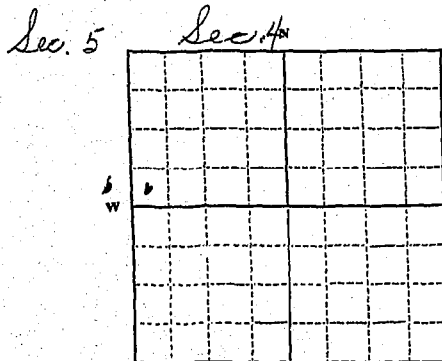
Date of Appropriation of Groundwater June - 1940Owner William H. Sell Address Box 1 - LoganContractor (if any) noneAddress of Contractor noneDate Started not applicable Date Completed not applicable

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. By means of a spring which has been curbed by owner and piped to the house for domestic use.  
Depth is not applicable here, as the spring comes out on surface

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

estimate approximate lengths of periods of use.

The quantity is not measurable.  
It has always (23 years) been sufficient for domestic use. It is used the year around.

Signature of Owner Wm H. SellDate July 31, 1963

SF<sup>4</sup> NE<sup>4</sup>      S- 21-19  
SW<sup>4</sup> NW<sup>3/4</sup>      Sec. 4 T. 21 R. 19

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

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

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

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

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

R192 160631  
Water Report  
Wm H Sell  
to  
The Public

STATE OF MONTANA

County of Lake,

Filed on the 31 day of July  
A. D. 1963 at 3:00 o'clock P M

HAZEL KINNICK

County Clerk and Recorder

By

G. Cowman

Deputy

200

Probably County No. R5 Don R52

RECEIVED  
NOV 1 1962

T. 21 R. 19 S.

STATE ENGINEER  
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

County Lake County

WATER WELL LOG

STATE ENGINEER


Owner Dick Dresen Address B 1528 Pablo Ave

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

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

Location: Sec. 5 T. 21 R. 19 1/4 sec.

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

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

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type Well casing Size 4"

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

Casing: Well was drilled before Type drillable Size before

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

Type of screen or perforations I bought place

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

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

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

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

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

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

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

(over)



152894

Water Well Log  
Richard Muesen  
to  
The Public

front road

### Log of Well

## Description of Material Drilled

Depth, feet

From	To
------	----

STATE OF MONTANA  
County of Lake,

Filed on the 22<sup>nd</sup> day of Dec  
A. D. 1961 at 2:00 o'clock P. M.  
HAZEL KINNICK

County Clerk and Recorder

By	G. C. [unclear]	and Recorder
	<del>C. C. [unclear]</del>	<del>Depos</del>



R-1333

202721

WELL REPORT  
HARRY KUGLER

TO  
THE PUBLIC

STATE OF MONTANA  
County of Lake

Filed on the 16 day of March

A. D. 1912 at 2:15 o'clock P. M.

ETHEL A. HARDING

County Clerk and Recorder

By Laurie B. [Signature]  
200 Deputy

NOTICE TO THE PUBLIC  
I HEREBY CERTIFY THAT THE  
WELL REPORT OF HARRY KUGLER  
FILED FOR RECORD IN THE  
OFFICE OF THE COUNTY CLERK  
AND RECORDER OF LAKE COUNTY  
MONTANA THIS 16TH DAY OF  
MARCH 1912 AT 2:15 O'CLOCK  
P. M.

RECEIVED  
OFFICE OF THE COUNTY CLERK  
AND RECORDER OF LAKE COUNTY  
MONTANA  
MARCH 16 1912

RECEIVED  
OFFICE OF THE COUNTY CLERK  
AND RECORDER OF LAKE COUNTY  
MONTANA  
MARCH 16 1912

GW 2

File No. ....

QUADRUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—38496

RECEIVED  
JAN 17 1963

T. 21 R. 19

County LibeSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 7 1963

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

0  
76  
76  
105  
105  
172  
172  
196  
196  
202  
202

sticky clay

glacial silt water

clay gravel

heavy sand water

hard clay gravel

water gravel

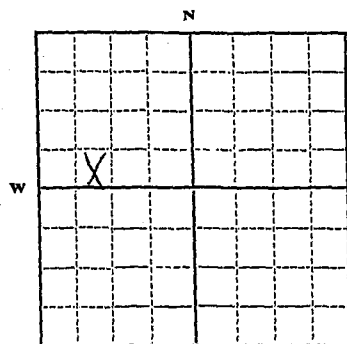
9' 5" perforated pipe  
in bottomOwner C. E. + Esther Livingston Address St. J. Dep. 96, Carson, Mont.Driller John Farrell Address Ashe

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

Date well started Dec. 3, 1962 Date Completed Jan 2, 1963Type of well drilled Equipment Used Churn  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☒  
Industrial ☐ Drainage ☐ Stock ☒

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17 LB	0	202			

SW 1/4 Sec. 5 T. 21 R. 19  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well..... 18 feet.

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

Pumping Water Level..... 150 feet at..... 5 gal. per minute.

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

How Tested..... Pump Length of Test..... 2 hrs

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

acres irrigated, if used for irrigation) 2 1/2

Driller's License Number

John Farrell  
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 Quaduplicate for the Appropriator.

3184.

R134

158052

C. E. & Esther  
Livingston

STATE OF MONTANA

County of Lake,

Filed on the 3 day of Jan

A. D. 1933 at 4 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By E. Curran

Deputy

GW 4

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

File No. \_\_\_\_\_  
 MONTANA WATER RESOURCES BOARD  
 DUPLICATE RECEIVED

T. 21N R. 19W

County: Lake

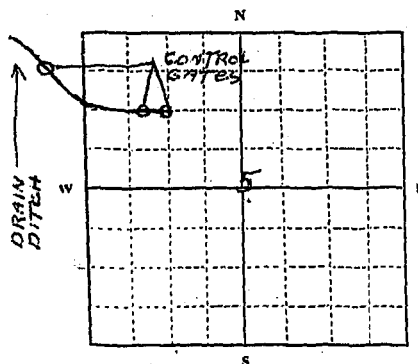
SEP 29 1967

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Calvin E. Livingston, Esther E. Livingston, of Rt. 1 Box 96 Polson  
 (Name of Appropriator) (Address) (Town)  
 County of Lake State of Montana  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 5 T. 21N R. 19W

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

2. The beneficial use on which the claim is based. Irrigation by controlled sub-irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. August 15, 1962 to present
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 120 Miners Inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.  
W 1/4 NW 1/4 Sec 5, T21N, R19 W - 80 Acres  
E 1/4 NE 1/4 Sec 6, T 21N, R19 W - 80 Acres  
Total 160 Acres
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
3 Control Gates - 1 in NE 1/4 Sec 6, T21 N, R19 W  
2 in NW 1/4 NW 1/4 Sec 5, T21N, R19W

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Drain Ditch & Control Gates - Commenced Construction May 15, 1962 - Completed August 15, 1962
8. The depth of water table. Average 3 ft below ground 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. About 2600 Ft of open drain ditch 5 ft deep.  
Water controlled by 3 18" slide gates (location noted above).
10. The estimated amount of groundwater withdrawn each year. 490 Acre Feet per year
11. The log of formations encountered in the drilling of each well if available. not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. not applicable

Calvin E. Livingston  
 Signature of Owner Esther E. Livingston

Date 9-27-67

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.

42,349

R1087  
181359  
Water Dec  
Calvin & Esther  
Livingston  
to  
The Public

STATE OF MONTANA } ss  
County of Lake

Filed on the 27 day of Sept  
A. D. 1967 at 9:50 o'clock 9 M

ETHEL M. HARDING

County Clerk and Recorder

By Sumner Cowman  
Deputy

File No. \_\_\_\_\_  
MONTANA-WATER RESOURCES BOARD  
**DUPLICATE RECEIVED**

Approved Stock Form—State Publishing Co., Helena, Montana—42134

T. 21N R. 19W

County Lake

SEP 29 1967

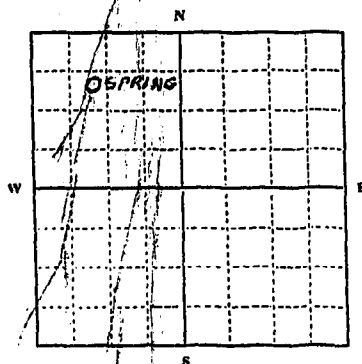
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Esther E. Livingston  
Calvin E. Livingston, of Rt. 1 Box 96 Polson  
(Name of Appropriator) (Address) (Town)

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



NW 1/4 Sec 5 T21N R19W

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 Farm Pond Irrigation & Stock water.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been February 10, 1937 to present
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 Gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof SW 1/4, Sec 5; T21N, R19W  
5 Acres irrigated
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Gravity

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater January 1, 1937, February 10, 1937

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 Surface Flowing Spring

10. The estimated amount of groundwater withdrawn each year 20 Acre feet per year

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

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

Signature of Owner

*Calvin E. Livingston*  
*Esther E. Livingston*  
Date 9-29-67

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.

42,350



R1088  
181360  
Water Report  
Calvin E. & Esther  
Livingston  
to  
The Public

STATE OF MONTANA } ss.  
County of Lake  
Filed on the 27 day of Sept  
A. D. 1967 at 9:55 o'clock 9 M  
ETHEL M. HARDING  
County Clerk and Recorder  
by  Eunice Cowman   
Deputy

GW 2

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

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

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

DUPLICATE

County Lake

## LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

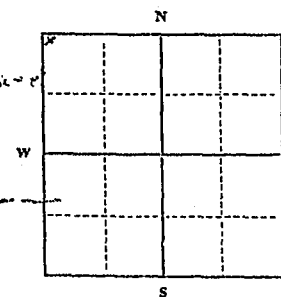
(Elev. above sea level \_\_\_\_\_)

0' clay & boulders  
18' clay & gravel  
28' clay + boulders  
54' clay  
75' boulders + gravel  
103' gravel (water)  
110' sandy clay  
140' clay + gravel  
148' sand & gravel (water was sandy)  
180' clay + gravel  
185' Gravel (water)  
200' clay + gravel  
207' sandy clay + gravel  
210' sandy gravel (water)  
--- Bottom ---

Owner Jim Sias Address Raven Mont.  
Driller Barrus Drilling Co Address Butte Mont.  
Date of Notice of appropriation of groundwater Sept 16, 1962  
Date well started Sept 5, 1962 Date completed Sept 16, 1962  
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 in	6 5/8 OD	0	207	Mills	95'	103'
				Knife	180'	185'
				1/4" x 3"		

Static Water Level for non-flowing well 41 feet.Shut-in Pressure for Flowing Well N/APumping Water Level 59 feet  
at 15 gal. per minute.Discharge in gal. per min. of flowing well N/AHow Tested SurgeLength of Test 2 hrsRemarks: (Gravel packing, cementing, packers, type of shutoff) well perforated with Mills Knife - 32m - 5' sand water210 ft. was gravel packed up to 197 ft. (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).

Doc. No. R-1332-202913  
Filed for record 11/17Show exact depth of bottom, this 16<sup>th</sup> day of MarchA. D. 19 72, at 10:50clock A.M.

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 177Driller's Signature 50,056

R-1332

202713

WELL REPORT

JIM SIAS

TO

THE PUBLIC

STATE OF MONTANA } ss  
County of Lake

Filed on the 16 day of March

A. D. 1972 at 10:50 o'clock A. M.

ETHEL M. HARDING

County Clerk and Recorder

By J. S. Sias Deputy

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

DUPLICATE

T. 21N. R. 14W.

County. Lake

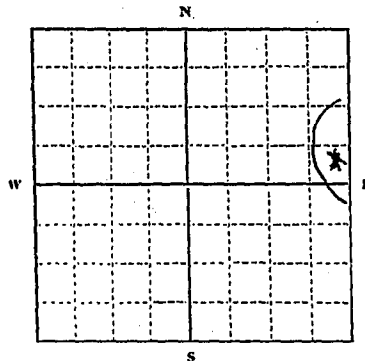
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964  
STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Ronald E. Tolleson, of Box 1247 Poleton  
(Name of Appropriator) (Address) (Town)  
County of Lake State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NW Sec. 5 T21N R14W

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. July 1959  
Daily
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 270,000 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.  
2 Acres - Garden - Lawn - Trees  
Bernie  
Ronald E. Tolleson
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. June 1959 July 1962
8. The depth of water table. 25 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 is 4 x 4 1/2 x 30' deep
10. The estimated amount of groundwater withdrawn each year. 270,000 Gallons
11. The log of formations encountered in the drilling of each well if available. Clay + gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

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.

17408

L-601

162928

Water Report

Ronald K. Jellefson  
to  
The Public

STATE OF MONTANA

County of Lake

Filed on the 30 day of Dec  
A. D. 1963 at 12:14 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By E. Cowman mk  
Deputy

\$2.00

File No. ....

T 21 N R 19 W

DUPLICATE

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 10 1964

## Declaration of Vested Groundwater Rights

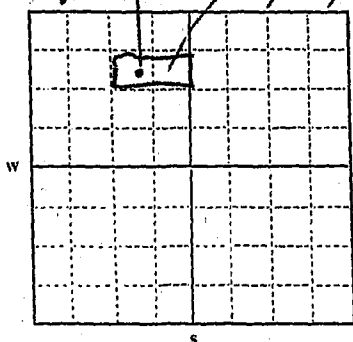
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Harvey H. Cobban, of Rt 1, Ronan  
(Name of Appropriator) (Address) (Town)

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

Well N Property Owned - 15A.



E 1/2 N 1/2 NW 1/4

1/4 Sec. 6, T.21, R.19

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

2. The beneficial use on which the claim is based. Household, livestock and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1960 and continuous use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 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 garden of owner - 1 acre
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. September 15, 1960
8. The depth of water table. 47 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" casing drilled well 78 feet deep
10. The estimated amount of groundwater withdrawn each year. 600,000 gal per year
11. The log of formations encountered in the drilling of each well if available. not available but has been filed with County and State
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 Harvey H. Cobban  
Date December 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.

28973

R898

163304

STATE OF MONTANA

County of Lake,

Filed on the 6 day of Jan  
A. D. 1964 at 4:34 o'clock P.M.

HAZEL KINNICK

County Clerk and Recorder

By G. C. Curman  
Deputy

OW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4193

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

T. 21 R. 19 Sec 6

DUPLICATE

County LakeSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 20 1965

Top of Ground  
(Elev. above sea level.....)**Notice of Completion of Groundwater  
Appropriation by Means of a Well**

(Under Chapter 237, Montana Session Laws, 1961)

0 to 7' Sandy Silt

7' to 22' Sand &amp; gravel &amp; water

22' to 27' Blue gray clay

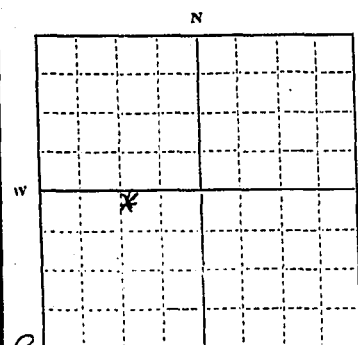
Owner A.H. Dupuis Address Pablo, MontDriller Glen Camp 705 Alder Address Missoula, Mont

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

Date well started 5/7/64 Date Completed 5/7/64Type of well Drilled Equipment Used Churn Drill  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 18.97 #	2'-11" G.L.	above to 24'-11"	None		



Lot 7  
18th St. Sec. 6 T21 R19  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 11' from top of pipe feet.

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

Pumping Water Level 11' feet at 30 gal. per minute.

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

How Tested Bailer Length of Test 24 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).....

1' of wash gravel pack in bottom of casingLicense # 7

Driller's License Number

Driller's Signature

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

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

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



R 976  
168872  
Well Report  
A. H. Dupuis  
to  
The Public

STATE OF MONTANA  
County of Lake.  
Filed on the 18 day of Jan  
A. D. 1965 at 11 o'clock M  
HAZEL KINNICK  
County Clerk and Recorder  
By \_\_\_\_\_ Deputy

1965 JAN 18

SW 3

MONTANA WATER RESOURCES BOARD

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

File No. **RECEIVED**

T. **21N** R. **19W**

DUPLICATE

OCT 18 1967

County **Lake**

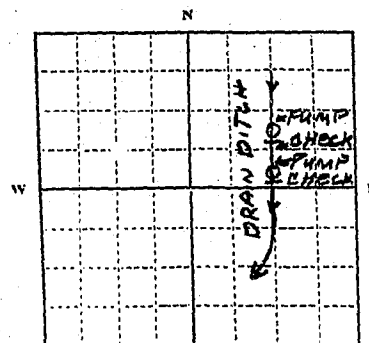
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater **10/16/67**  
Owner **Howard**  
**or Ruth Newgard** Address **Polson, Montana**  
Contractor (if any) **Soil Conservation District**  
Address of Contractor **Polson, Montana**  
Date Started **2/10/64** Date Completed **Oct. 30, 1964**



SW  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec. 6 T. 21N R. 19W

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

- 1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) **Drain**
- 2) Means of withdrawing water (gravity, pump, canal, etc.) **Pump**
- 3) Depth of water table **5'**
- 4) Use of the water **Irrigation**
- 5) Amount of groundwater claimed (in miner's inches, or gallons per minute) **450 GPM**
- 6) If used for irrigation, give number of acres and description of land **SW  $\frac{1}{4}$ , NE  $\frac{1}{4}$ , Sec. 6, T21N, R19W**
- 7) Estimate amount of water used each year **40 Acra. Feet.**  
**Per Year**

Signature of Owner

*Howard Newgard*

Date

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.

42,408

R-1091

181591

STATE OF MONTANA  
County of Lake  
Filed on the 16 day of Oct  
A. D. 1967 at Miss o'clock A. M.  
ETHEL M. HARDING  
County Clerk and Recorder  
By Max J. Ham Deputy

\$2.00

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

Owner **Alphonse Henry Clairmont**  
Address **Route 1, Box 802**  
**Ronan, Montana 59884**  
Date well started **11/14/67**  
completed **11/29/67**

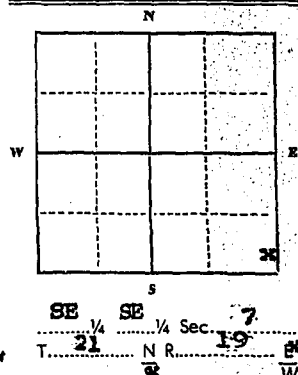
For Administrator's Use  
File **R-1452, 210443**  
**June 26, 1973**  
GW 1 **2:50 p.m.**

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

\*Describe  
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). **Approx. 80 Acres**

ESTIMATED ANNUAL WITHDRAWAL **31,536,000 gallons**

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 1/2"	41	195	N	O	N



Static water level **43** ft.  
Pumping water level **63** ft.  
at **60** gallons per minute,  
measured **180** minutes after pumping began.  
\*Measured from ground level.  
Well developed by **Air Lift Pump**  
for **Three** hours.  
Power **Gas** Pump **35** HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) **All water entering the well is coming through the open bottom of six inch casing.**  
**Wells in this area cont'd**

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

Driller's Signature **Liberty Drilling Company**  
Driller's Address **2500 Reserve Street**

**Missoula, Montana 59801** LICENSE NO. **52**

21N-19W  
County **Lake**

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 Approx. **3189'**  
(Elev. above sea level)

From (Feet)	To (Feet)	
0	2	Black dirt
2	46	Tan sandy clay
46	58	Brown sand and silt
58	72	Tan clay with a few gravels imbedded
72	94	Brown silty sand and some wood. Silty water
94	101	Tan sandy clay
101	144	Gravel imbedded in tan clay. Scum of water
144	149	Brown sand imbedded in tan silt
149	185	Sand and gravel imbedded in tan clay
185	191	Blue gravel, some gray clay. Water too sandy to use
191	195	Blue sand and gravel. Water

**195'** Show exact depth of bottom  
Water rises in well **43** feet  
from surface

54230