

File No. 292

MONTANA DEPARTMENT OF MINES AND GEOLOGY

GW-2

T. 17N R. 20W

25

JUL 5 1963

County Flathead

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)

Owner: Amos M. Party Address: 2120 1st St.Driller: Amos M. Party Address: 945 1st St.

Date of Notice of Appropriation of Groundwater: _____

Date well started: Feb. 24, 1963 Date Completed: Mar. 13, 68Type of well: Drilled Equipment Used: 22 W. B. S. Co.
(dug, driven, bored or (Churn, drill, rotary or
drilled) other) 6 in.Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

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

Top of Ground
(Elev. above sea level 2980)Gravel19 ftClay44 ftClay57 ftGravel70 ftClay11 ftLand105 ftClay170 ftGravel185 ftGravel206 ftRockWater7' 0" to 23'23'23'23'23'23'23'23'23'23'23'23'23'23'23'23'23'23'

NW 1/4 Sec. 25 T. 27N R. 20W

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

23'

Show exact depth of bottom.

Static Water Level for non-flowing Well: 65 feet.

Shut-in Pressure for Flowing Well: _____

Pumping Water Level: 230 feet at 125 gal. per minute.

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

How Tested: 30 min. Length of Test: 3 hrs.

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

Driller's License Number 17Driller's Signature Amos M. Party

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.

44,276

13807

STATE OF MONTANA | SS
COUNTY OF FLATHEAD |

Filed on the 13 day of June
A.D. 1968 at 9:45 o'clock P.M.

County Clerk and Recorder

By Deputy

Flathead County

January 31, 1974

Mr. Warren Hogue
Route 1
Bigfork, Montana 59911

Dear Mr. Hogue:

This is in response to your letter written sometime ago in reference to your filed ground-water right appropriation on a developed spring or well.

From your letter it is difficult to definitely determine if you developed a spring or if it would be considered just a well without actually looking at the site in the field. The main thing to remember is that you did file on the ground-water development according to the law at that time and used the form which you believed to fit your situation.

For your information only, we are enclosing a pamphlet titled, "A Rancher's Primer - Meet the New Water Law."

If you have any questions or we can be of further service, feel free to contact us at your convenience.

Sincerely,

Ronald J. Guse, Assistant Chief
Water Rights Bureau

Enclosure
RG/sip

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.

52,154

RECEIVED

NOV 26 1973

MONTE. DEPT. of NATURAL
RESOURCES & CONSERVATION

Dept of Natural Res. & Conservation 11/25/73
Water Resources Division
Engineering Bureau
Groundwater Section
Sam W. Mitchell Building
Helena Montana 59601

en Hogue
ORK, MT 59911
27N R. 20W Sec. 25
593

Montana, please take
protect your ground-

red on the
a developed

ening or
by which
high it.
icially

Dear Sir,

I don't know whether I have
developed Spring or Well. We
had a seep on wet area on
our land. We had a back hoe
dig a 11' hole to bed rock
and we installed 4 sections
of 36" dia. concrete culvert
the water has a 9' head in this
12' casing and runs 6 gallons
a minute by gravity flow
with a full head. I imagine
it meets your attached
definition as a well.
We used the water to

thout a well "as by
Include depth to
to Bedrock
concrete
length 36"
head in the
Spring or well?

planation of method
use is intermittent

Installed
con. running
a minute

Case No. 14010
4th Jan.
73 11:45
A. M.

with water level at full head.
Measured by knowing size of container
and timing
Signature of Owner. William P. Hogue

Date 1/4/73

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 Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.

52,154

en Hogue
ork, MT 59911
27N R. 20W Sec. 25
593

water our horses and some
use in watering the garden.
Period of use approx June
1969 until July of 1973 -
We built a mud honey
comb to the water supply
the Fall & winter of 1972
& 1973 and moved in
in July of 1973 and
this well is our total
domestic water supply.
I hope this adequately
answers the questions to
complete the form properly.

Sincerely Yours
Warren J. Hogue

Montana, please take
protect your ground-

red on the
a developed

ening or
by which
high it
icially

about a well "as by
Include depth to
to Bedrock -
concrete
length 36"
casing in the
Spring or well?

planation of method
use is intermittent

Installed

can running
a minute

Box No. 14010
4th Jan.
73 11:45
H. M.

With water level at full head.

Measured by knowing size of container
and timing
Signature of Owner Warren J. Hogue

Date 1/4/73

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 Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.

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

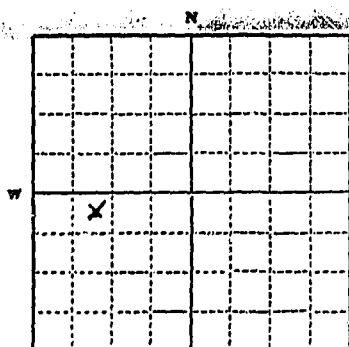
Owner Warren Hogue
Address Bigfork, MT 59911
Location T. 27N R. 20W Sec. 25
Doc. No. 14,593

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: Please provide, as indicated in red on the attached form, the claimed groundwater use. Is this a developed spring?

NOTE: A well is defined as, "any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressure or is artificially withdrawn."

Thank you.



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

NW 1/4 SW 1/4 Sec. 25 T. 27 N. R. 20 W.
14593
4th
73
H. M.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug 12' Hole to Bedrock - Installed 4 sections of concrete culvert - diameter 36" - length 36" - Water develops a 9' Head in the 12' casing. Developed Spring or well?

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. Installed a siphon hose - Has been running at a rate of 6 gallons a minute with water level at full head. Measured by knowing size of container and timing.

Signature of Owner Warren Hogue
Date 1/4/73

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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

File No. _____

T. 27 N. R. 20 W.

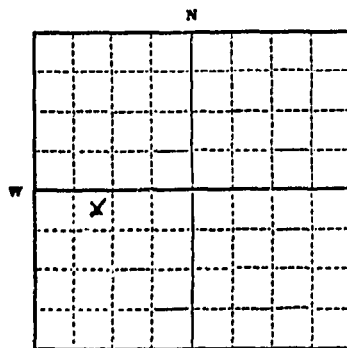
County Flathead

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 69
Owner Warren Hogue Address Bigfork, Mt.
Contractor (if any) Tom Smith
Address of Contractor Bigfork, Montana
Date Started June 69 Date Completed June 69



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug 12' Hole to Bedrock -

Installed 8 sections of concrete
culvert - diameter 36" - length 36"
Water develops a 9' head in the
12' casing. Developed Spring or well?

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

R.A.H. Claimed use?
estimate approximate lengths of periods of use Installed

a siphon hose. Has been running
at a rate of 6 gallons a minute
with water level of Full head.

Measured by knowing size of container
and timing.
Signature of Owner Warren Hogue

Date 11/4/73

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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

T 27N R 20W

F. No. _____

Bill _____ McDermott _____
 Butcher _____ Allen _____ County Blaine
 Coyle _____ Blanton _____
 Darlington _____ **STATE OF MONTANA**
 _____ **ADMINISTRATOR OF GROUNDWATER CODE**
 Dickert _____ **OFFICE OF STATE ENGINEER**

TRIPLICATE

Top of Ground

(Elev. above sea level.....780)

(Under Chapter 237, Montana Session Laws, 1961)

Owner Robert J. Smith Address 1234 Main St.

Driller Turner, W. C. Address 405 - 134th St.

Date of Notice of Appropriation of Groundwater

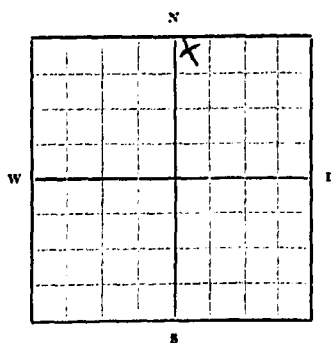
Date well started Apr 25/47 Date Completed May 24/47

Type of well Hand-dug Equipment Used Hand-dug
(dug, driven, bored or (Churn, drill, rotary or
drilled) other) None

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

5. 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)
7" Casing	2 3/4" Casing		214 ft	1 1/2"	214 ft	214 ft



N.W. 1/4 NE Sec 25 T27 R20

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

241-4
Show exact depth of bottom.

Static Water Level for non-flowing Well..... 167feet.

Shut-in Pressure for Flowing Well 100

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

Discharge in gal, per min. of flowing well

How Tested 2-1-1 Length of Test 3 hrs

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

acres irrigated, if used for irrigation)

Driller's License Number _____

James M. Clark.
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.

42, 143

12919

39 June 1 May
10:45 Clock AM
LHM
DA

File No.

T. 27 N R. 20 W Sec 25
County Flathead

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 October 14, 1964

Owner Ronald E. Munter Address Bigfork, Montana

Contractor (if any) none

Address of Contractor none

Date Started not apply Date Completed not apply

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 3 flowing springs.

Coming out of a slight south slope -

1 spring boxed in with concrete

1 spring a dugout pool

1 spring boxed in with a barrel

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.

concrete spring 2000 gallons per day

dugout pool spring 500 gallons per day

barrel spring (?) just a seep
(measured by 5 gallon container and watch)

constant use, domestic and livestock

Signature of Owner Ronald E. Munter

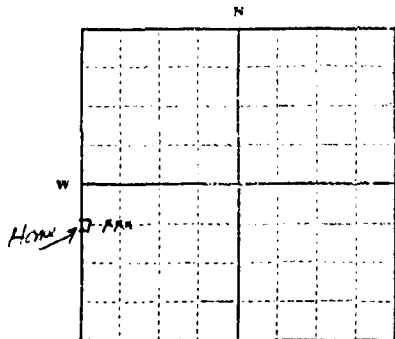
Date October 15, 1964

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.



NW 1/4 Sec 25 T27N R20W

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

38915

11,582

65 7th Jan
38m
m.2

STATE WATER CONSERVATION BOARD

File No.

OCT 11 1965

GW 2

T 27

R 20

Belle _____
Butterfield _____
Cotton _____
Dartmouth _____
Sullivan _____

County

Blattner

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level: 180)

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Fred Bink Address: _____
Driller: Homer M. Clady Phone: 145-8000
Date of Notice of Appropriation of Groundwater: _____
Date well started: Aug 25/65 Completed: Sept 17/65
Type of well: Drilled Equipment Used: 2 1/2" Buegn
(dug, driven, bored, or drilled) (Churn, drill, rotary or other)
Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ X Drainage ☐ Stock ☒ X

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
80 ft	7" OR	23 ft	87 ft			
Hard rock water						

Static Water Level for non-flowing Well: 29 ft.

Shut-in Pressure for Flowing Well: _____

Pumping Water Level: 12 ft gal. per minute.

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

How Tested: Boiler Length of T-st. 3 ft

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

NW 1/4 NE Sec. 20 T27 R30
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number

Homer M. Clady
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.

39682

11,999

STATE OF MONTANA / SS
COUNTY OF FLATHEAD

Filed on the 11 day of Oct
A. D. 1965 at 9:50 Clock. a M

2857
County Clerk and Recorder

By JED
Deputy

File No.

GW 2

T. 27 N R. 20 W 26

County GlacierSTATE OF MONTANA STATE WATER CONSERVATION BOARD
ADMINISTRATOR OF GROUNDWATER CODE 1 V E
OFFICE OF STATE ENGINEER

JUL 22 1965

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner John J. Robinson Address Big Lake, Minn.Driller Clarence J. Gusten Address Col. Falls, Minn.Date of Notice of Appropriation of Groundwater None filedDate well started Feb 8-65 Date Completed Feb 19-65Type 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"	7" 10	0	10	none		

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

0 to 3 ft overburden

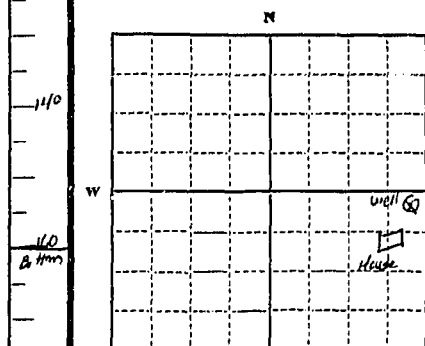
3 to 10 ft shattered limestone.

10 to 15 ft solid limestone

15 ft 160 ft

spattered limestone with sand

Total depth water 160 ft

NE 1/4 Sec. 26 T. 27 N R. 20 W
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 72 feet.Shut-in Pressure for Flowing Well non-flowingPumping Water Level 155 feet at 4 gal. per minute.Discharge in gal. per min. of flowing well non-flowingHow Tested Guiler Length of Test 3 hrs

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

54 55

Driller's License Number

By Clarence J. Gusten
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.

39321

11,835

STATE OF MONTANA
COUNTY OF BEAUFORT
Filed on the 8 day of June
A. D. 1905 at 12 o'clock M.
58m
County Clerk and Recorder
By M. J. Deputy

RECEIVED

OCT 20 1972

27N-20W-26
County Butte

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

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.

(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.

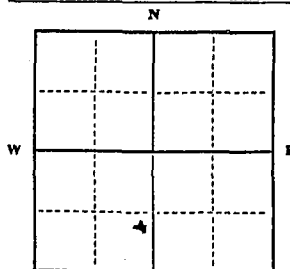
Owner Samuel S. Stephens For Administrator's Use
Address Big Fork File 14,536
Montana Oct. 24, 1972 - 1.10.1972
Date well started 2-18-72 GW 1
completed 3-30-72

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
<u>6 5/8</u>	<u>6 5/8</u> <u>00</u> <u>176</u>	<u>0</u>	<u>89 1/4</u>	<u>none</u>



SE 1/4 SW 1/4 Sec. 16
R27 (N) R. 26 E (W)
S

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

Driller's Signature _____
Driller's Address Robert T. Hurlston
Sioux Lake, Mont. LICENSE NO. 105

Top of Ground		(Elev. above sea level) <u>3000</u>
From (Feet)	To (Feet)	
<u>0</u>	<u>30</u>	<u>Sand with</u>
<u>30</u>	<u>80</u>	<u>red clay heavy</u>
		<u>in color</u>
<u>80</u>	<u>87</u>	<u>gray clay with</u>
		<u>gravel water</u>
<u>87</u>	<u>105</u>	<u>hard rock</u>
		<u>black</u>

Static water level _____ ft.*
Pumping water level 68 ft.*
at 6 gallons per minute,
measured 13 minutes after pumping
began. 40 ft.
*Measured from ground level.
Well developed by Churn
for _____ hours.
Power 1/2 hp Pump Sub Pump
Remarks: (Gravel packing, cementing,
packers, type of shutoff) none

100 Show exact depth of bottom

51,702

17, 536

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 21 day of Oct
A. D. 1922 at 1 o'clock P M

MT
County Clerk and Recorder

By DSH

Deputy

File No.

GW 4

27 N-20 W 26
T 27 R 28
County Flathead

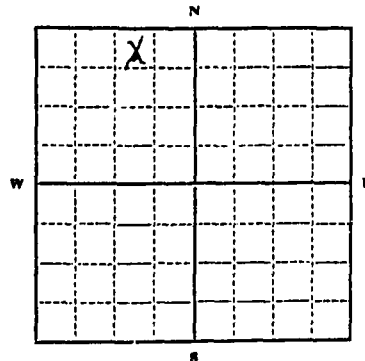
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964

1. Arthur H. Weaver, of Flathead, Montana
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 26 T 27 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
and Livestock

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1943 Continuous
ever since

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 100 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

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 with-
drawal of groundwater

8. The depth of water table 18.5 ft.

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

10. The estimated amount of groundwater withdrawn each year 540,000

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

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

Signature of Owner

Arthur Weaver
Date Dec 26 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.

22597

10,418

STATE OF NEW YORK
COUNTY OF FAYETTE

Filed on the 30 day of Dec
A.D. 1963 at 12:00 O'clock P.M.

21677
County Clerk and Recorder

By Q. J. H.
Deputy

File No. _____

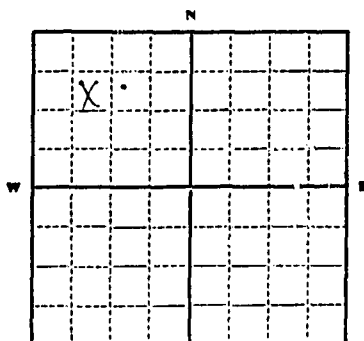
GW 4

T. 27 N 20 W 35
R. 35
County FlatheadSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John W. & Ada Collins, of Bigfork
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:LOT 3
NE 1/4 Sec. 35 T. 27 R. 20Indicate 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. Since bought land 1943 & probably in continuous use for many years prior to said date Aug.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 25 Gallons approx.
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. Used mostly for household use & lawn & garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Hand pump & motor pipe size 1 inch casing
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Unknown
8. The depth of water table. Probably 2 ft. below 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. The well is 128 ft. deep
10. The estimated amount of groundwater withdrawn each year. _____
11. The log of formations encountered in the drilling of each well if available. Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. _____

Signature of Owner

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.

22852

10642

Dec 31 day of Dec
A.D. 163 at 8²² Chel. A. M.
Jap
Direct

T. 27 N. R. 20 W.

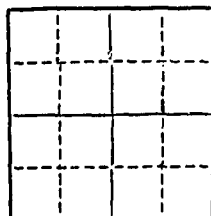
County. Blaine

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER



Owner: George H. Brownlee Address: Bigfork, Mont.

Driller: Horner McClarty Address: Bigfork, Mont.

Date Started: Aug 3, 1961 Date Completed: Aug 7, 1961

Location: Sec. 36 T. 27 R. 20 1/4 sec. SW 1/4 NE 1/4

Type of well

drilled

(Dug, driven, bored, or drilled)

Equipment used

1 1/2" H. Kumpresin

(Churn drill, rotary, other)

Water use: Domestic



Municipal



Stock



Irrigation



Industrial



Drainage



Other:

Casing: 95 ft. to 7" Type 23" 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: 10 ft. from top feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date) 1/4.

Pumping water level: feet at 1000 gal. per min.

How tested: 1 hr.

Length of test: 2 hrs.

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	
		sand, boulders gravel
12 ft		
		sand
80 ft		
92 ft		hard pan
		water rock
95 ft		

File No. _____

OW 4

T. 27N R. 20W 36

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

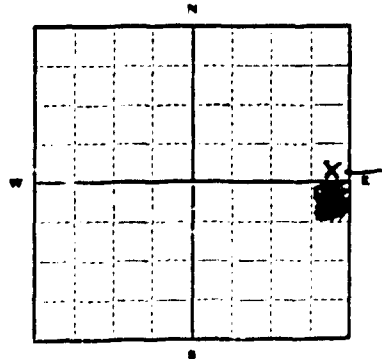
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964

STATE ENGINEER

1. Pacific Power & Light Company, of 111 - 1st Ave. East, Kalispell
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE 1/4 Sec. 36 T 27N R 20W MPN

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 water service to the community of Bigfork and surrounding suburban area

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920 Wells are in continuous service

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1500 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
Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pumps. See attached maps for location of wells

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

8. The depth of water table 8 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 dug wells rock and steel lined. 6 foot diameter and 24 feet deep

10. The estimated amount of groundwater withdrawn each year 42,000,000 gallons

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

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

Signature of Owner

Pacific Power & Light Company

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.

22956

16785

STATE OF MONTANA / SS
(COUNTY OF FEATHERS)

Filed on the 31 day of *dec*
A. D. 19*63* at *10:50* o'clock *am*

L. J. H.
County Clerk and Recorder

By *L. J. H.*
Deputy

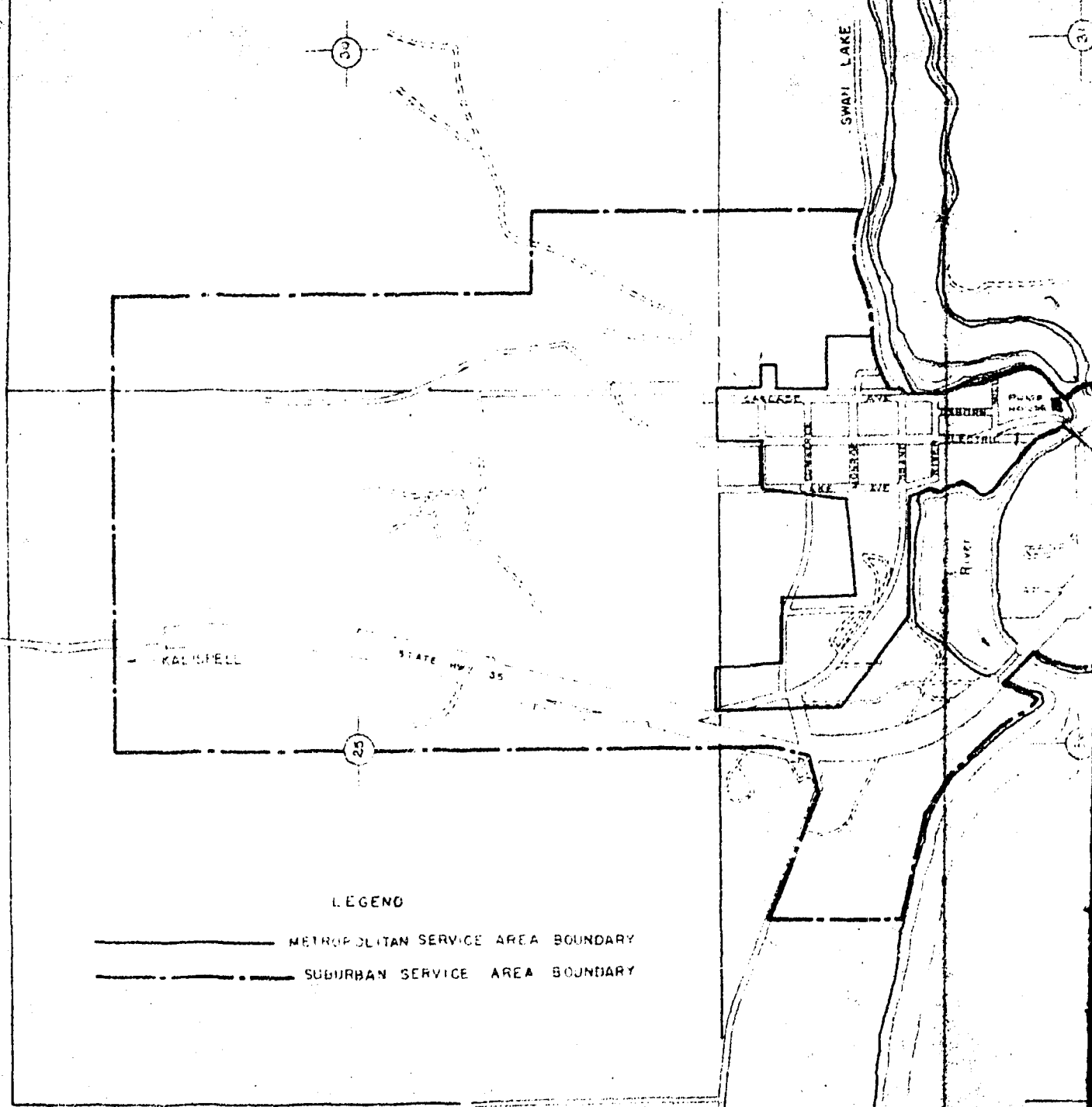
P. S. C. Mont. No. 7

First Revision of Sheet No. 101

Cancelling Original Sheet No 101

PACIFIC POWER & LIGHT COMPANY

METROPOLITAN & SUBURBAN SERVICE AREA-BIG FORK



LEGEND

- METROPOLITAN SERVICE AREA BOUNDARY
- - - - - SUBURBAN SERVICE AREA BOUNDARY

Big Fork Water
ISSUED NOVEMBER 7, 1961 Metropolitan and Suburban Service Areas EFFECTIVE NOVEMBER 30, 1961

ISSUED BY PACIFIC POWER & LIGHT COMPANY
R. G. LISBAKKEN, MANAGER OF RATES
PUBLIC SERVICE BUILDING, PORTLAND, OREGON

Concealing Original Sheet No. 101

METROPOLITAN & SUBURBAN SERVICE AREA-BIG FORK



METROPOLITAN SERVICE AREA BOUNDARY

SUBURBAN SERVICE AREA BOUNDARY

ISSUED: NOVEMBER 7, 1961 Metropolitan and Suburban Service Areas EFFECTIVE: NOVEMBER 30, 1961

ISSUED BY PACIFIC POWER & LIGHT COMPANY
R. B. LISBAKKEN, MANAGER OF RATES
PUBLIC SERVICE BUILDING, PORTLAND, OREGON

ORK

SWAN LAKE



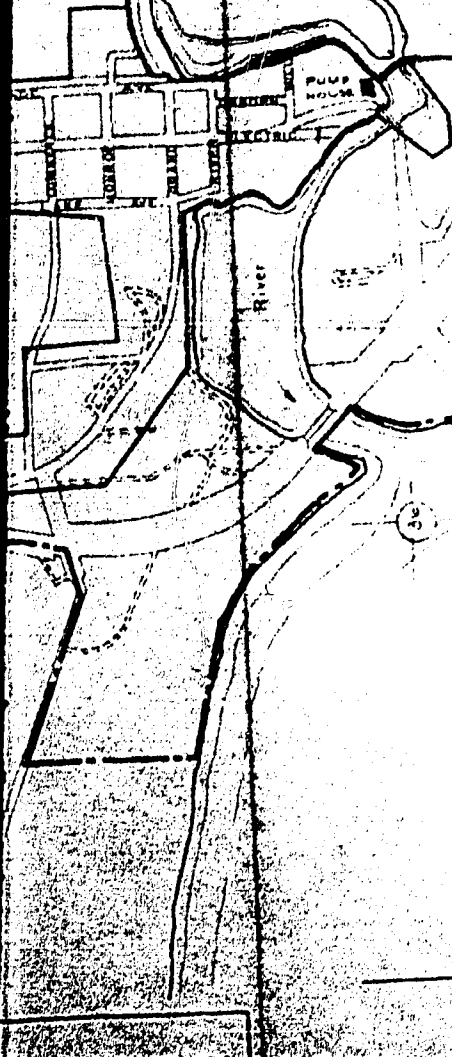
N

T 27N
T 26N

R 2
R 1 W
NPL
NPM

POLSON

Flathead
Lake



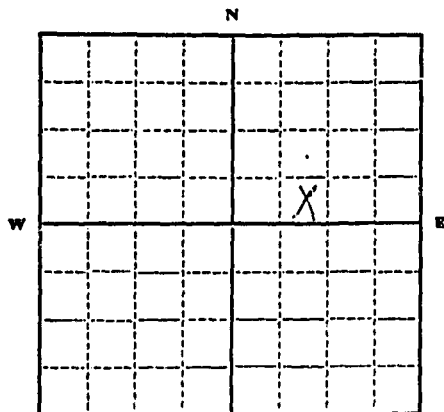
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964

1. RENA B. TANCHE, of BIG FORK STATE ENGINEER
 (Name of Appropriator) (Address) (Town)
 County of FLATHEAD State of MONTANA
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



38 1/4 TRACT T4
 S.E. 1/4 NE 1/4 Sec. 36 T. 27 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
HOUSEHOLD USE AND LAWN IRRIGATION
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. PRIOR TO NOVEMBER 1950
DAILY USE
4. The amount of groundwater claimed (in miner's inches or gallons per minute) UN LIMITED
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
NOT APPLICABLE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
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 UNKNOWN BUT PRIOR TO NOV 1950
8. The depth of water table FROM 3 ft TO 12 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. 1 SAND POINT 2" DEPTH UNKNOWN
1 DUG WELL 3' X 3' X 15 ft DEEP
10. The estimated amount of groundwater withdrawn each year 100,000 GAL. OR MORE
11. The log of formations encountered in the drilling of each well if available. UNAVAILABLE
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. PAGE 1052
LINE 5

Signature of Owner Rena B. Tanché

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.

10483

SUPREME COURT, 20
(COUNTY OF LANSING)

Filed on the 30 day of Dec
A.D. 1963 at 2:00 o'clock P.M.

Glenn E. Melhame
County Clerk and Recorder

By Keith
Deputy