

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45642

File No.

T. 28N R. 22W

DUPLICATE

County

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws 1961)

Top of Ground

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

Well located West of Kallispell

0-2 Topsoil

2-12 Tan Clay & Gravel

12-40 Boulders & Clay

40-130 Tan Clay & Gravel

130-156 Tan Clay & Gravel

156-168 Tan Clay & Gravel

168-195 Brown Clay & Gravel

195-196 Brown Clay & Silty

Water

196-208 Brown Clay & Gravel

208-233 Tan Clay & Gravel

233-249 Blue Clay & Gravel

249-252 Rock

252-253 Rock & Water
(3 GPM)

253-275 Rock

275-277 Rock & White Water
(3 GPM)

277-315 Rock EXXHEEN

315-325 Rock & Water

325-350 Rock

CEMENTED ROCK FROM

251'-310'

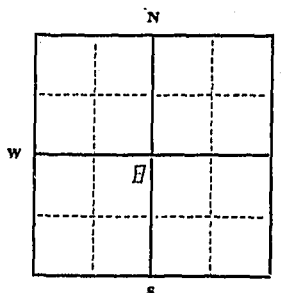
Owner: Claire Van Tassel Address: Kallispell, MontanaDriller: Glenn Camp Address: Missoula, Montana

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

Date well started: July 10, 1968 Date completed: August 5, 1968Type of well: Drilled Equipment used: Churn Drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock (r 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" I.C.	6" I.C.	1'	251'			
17 lb per ft.	17 lb per ft.	above G.L.				
				None		



Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well

from 45' feet.

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

Pumping Water Level 250' feetat 2 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: CalderLength of Test: 1 hour

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

(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).

Show exact depth of bottom.

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

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

License # 7

Driller's License Number

Driller's Signature: Glenn Camp

45598

15052

STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 28 day of Aug
A. D. 1917 at 2:30 o'clock P. M.

County Clerk and Recorder

By Deputy

DEPARTMENT OF AGRICULTURE
DIVISION OF CATTLE
OFFICE OF CATTLE
BUREAU OF CATTLE
STATE OF MONTANA

Division of Cattle
Office of Cattle
Bureau of Cattle
State of Montana

Record to get
104

BRITISH

3

RECEIVED
COUNTY CLERK
AUG 28 1917

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COUNTY CLERK
AUG 28 1917

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COUNTY CLERK
AUG 28 1917

File No.

T. 28^N R. 22^W 14

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

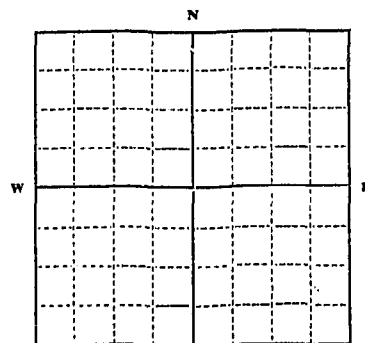
Date of Appropriation of Groundwater 1891
Owner Clyde E. Wilson Address Kaliyall Mont
Contractor (if any) None

Address of Contractor

Date Started May 5, 1891 Date Completed May 30, 1891

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

Ground level Natural Flow



E. 1/4 Sec. 11 T. R.
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. Continual

flow to house & barns
by means of pipe 1 1/2"
from spring to house &
barns

Signature of Owner

Clyde E. Wilson
Clyde E. Wilson

Date Dec 30 1963

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

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

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

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

14507

10,123

(STATE OF MONTANA) SS
COUNTY OF PLATHEAD

Filed on the 23 day of Dec
A.D. 1963 at 10:30 Clock A.M.

J.C.P.
County Clerk and Recorder

By *J.C.P.* Deputy

File No. _____

GW 4

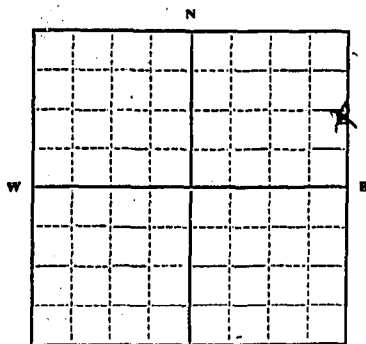
T. 28 N R. 22 W 15
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Rodney Bezarth of Route 2 Kaliispell
(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:



Tract 180'x280' in NE Corner of
SE 1/4 Sec. 15 T. 28 R. 22

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 and small-scale irrigation of lawn and garden.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Nov. 6, 1954; water used continuously since, daily for domestic purposes, and each spring, summer and fall for irrigation.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. about one-half acre of lawn and garden, owned by the appropriator, at the location shown at left.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. deep well ejector pump; one well near center of tract described at left.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well drilling started Nov. 3, 1954; completed Nov. 6, 1954.
8. The depth of water table. 112 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. one drilled well, 112 feet deep, 6-inch steel casing.
10. The estimated amount of groundwater withdrawn each year. 90,000 gallons.
11. The log of formations encountered in the drilling of each well if available. Not available, except that driller reported encountering a dense hard-pan at about 110 feet and struck water immediately below this stratum in hard-packed gravel and sand.
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. Although the water table was encountered at 112 feet, there was sufficient artesian pressure to raise the water level in the casing to within 10 feet of the ground surface.

Signature of Owner Rodney Bezarth

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.

22734

10556

STATE OF MICHIGAN)
COUNTY OF FLINT)

Filed on the 30 day of Dec
A.D. 1963 at 3:30 Clock P.M.

Glenn E. Melchior
County Clerk and Recorder

By Chick
Deputy

RECEIVED
AUG 10 1959

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner Ray Chamberlains Address Rt 2 Kalispell

Driller Horner McCarty Address 945-8th St

Date Started Aug 11, 1959 Date Completed Aug 19, 1959

Location: Sec. 15 T. 28 R. 22 1/4 sec. Rt 2 W of Kalispell

Type of well drilled Equipment used 21 W Solid Tools
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: _____ ft. to 103 ft. Type 7" x 10 Size 20#

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: 60 ft feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____

Pumping water level 60 ft feet at _____ (date) Aug 1, 1959 gal. per min.

How tested: boiler

Length of test 2 hrs

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

(over)

Depth, feet		Description of Material Drilled
From	To	
		top soil
		Clay
		Cement gravel
103 ft		water bearing gravel

103 ft	water bearing gravel
--------	-------------------------

15

WATER WELL LOG

Location: Sec. 15 T. 28N R. 32W 1/4 sec. 21 1/4 at South West 1/4 of road

Note floor over top of casing where fresh
is not remaining, on March 14, 1959

RECEIVED

~~STATE ENGINEER~~

(over)

Log of Well

[illegible]

File No. _____

GW 4

T 28N R 22W 15
County _____

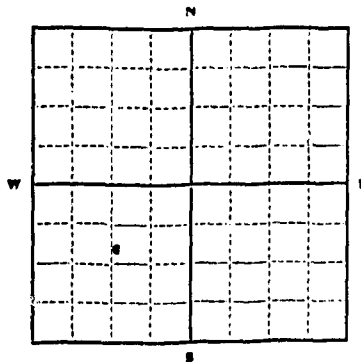
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights **RECEIVED**
JAN 6 1964

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. PETER P. & EVELYN M. HAGEN of ROUTE 2, 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:



N 28 1/4 Sec. 15 T. 28 R. 22

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

2. The beneficial use on which the claim is based. house & garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. July 1960 steady

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 3 gal.

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. sump

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

8. The depth of water table. 12-20 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. sand point 20 ft.

10. The estimated amount of groundwater withdrawn each year. 20,000

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

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 Peter P. Hagen

Date Dec 31 - 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.

23102

10931

63 ³¹ / ¹²⁵ ^{dec}
S C M
L L H

File No.

GW 2

T. 28 N. R. 22 W.

15

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)

Top of Ground

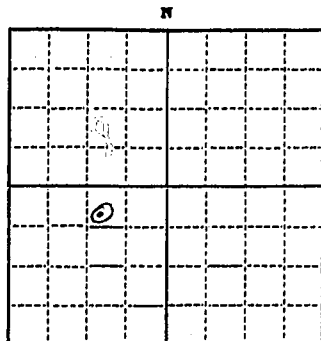
(Elev. above sea level: 2980)3 ft Top soilCobblesSandy Clay34 ftCobbles & gravel85 ftSilt & gravel104 ftBlue Clay118 ftYellow Hardpan138 ftRockWithWaterOwner Elton Rose High Address Rt 2 KalispellDriller James McCleary Address 945 - 8th St

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

Date well started July 30/68 Date Completed Aug 12/68Type of well Drilled Equipment Used 21 W. Bucyrus
(dug, driven, bored or (Churn, drill, rotary or
drilled) other) EndWater Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7" OD	23"		139			



NE 1/4 SW 1/4 Sec. 15 T. 28 N. R. 22 W.

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

152 ft

Show exact depth of bottom.

Static Water Level for non-flowing Well 36 feet.

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

Pumping Water Level 100 feet at 25 gal. per minute.

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

How Tested Bailer 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 18Driller's Signature James McCleary

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.

44,655

13,883

STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 18 day of Sept
A.D. 1908 at 12 o'clock P.M.

56m
County Clerk and Recorder

By M. J. Deputy

15
RECEIVED

JUL 3 1973

GW 3

File No.

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

T. 28 N. R. 22 W.

County

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)

14780
June 29, 1973
10:47 A.M.

Date of Appropriation of Groundwater 7-16-72

Owner Charles T. & Charles J. Kelly

Address

Kalispell, Mt.

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. Spring

This Spring was in use
when we purchased the
property in 1972.

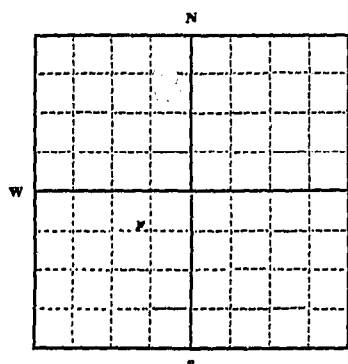
Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use

100,000 gal per year
Household, up to 100, down
& garden are used from
this well.

Signature of Owner Charles T. Kelly - Charles T. Kelly

Date 6-29-73



NE 1/4 Sec 5 T8 R2

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.

54997

14.720

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 4 day of June

A.D. 19 24 at 11:45 o'clock AM

MJ

County Clerk and Recorder

By MP

Deputy

RECEIVED
JUL 3 1973

28N-22W - 15
County FL

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

DRILLER'S LOG

Indicate the character, color, thick-
ness 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 Charles & Marion Kelly
Address Rt 2
Kalispell, Mt.
Date well started April 1954
completed _____

For Administrator's Use	
File	<u>14781</u>
	<u>6-29-73</u>
GW 1	<u>10-48 A.M.</u>

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

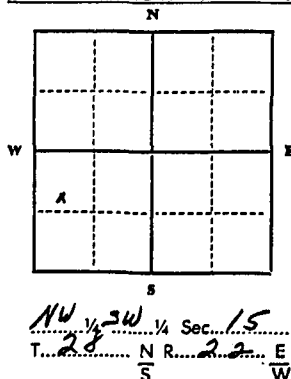
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*Describe _____

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

ESTIMATED ANNUAL WITHDRAWAL 100,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>128 ft.</u>	<u>7 inch</u>					



Static water level _____ ft.*
Pumping water level 90 ft.*
at _____ gallons per minute,
measured _____ minutes after pumping
began.

*Measured from ground level.
Well developed by _____
for _____ hours.

Power _____ Pump _____ HP

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

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

Driller's Signature _____

Driller's Address _____

LICENSE NO. _____

Show exact depth of bottom

55024

14781

STATE OF MONTANA }
COUNTY OF FLATHEAD }

Filed on the 27 day of June
A. D. 1916 at 12 o'clock PM

M. J.
County Clerk and Recorder

By CP Deputy

File No.

GW 4

T. 28 N. R. 22 W. 5

County. Judith

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

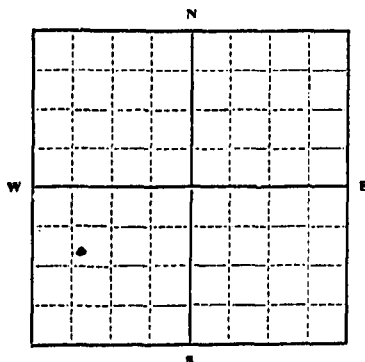
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964

STATE ENGINEER

1. Charles Marion Kelly, of Route 2 Kalispell
(Name of Appropriator) (Address) (Town)
County of Judith State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



7 1/4 Sec. 15 T. 28 R. 22

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 home's garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 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 pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater late 1957
8. The depth of water table approx 12 to 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 dug well
10. The estimated amount of groundwater withdrawn each year 200,000 gallons
11. The log of formations encountered in the drilling of each well if available sand & silt
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

Charles H. Kelly
Marion Kelly
Date Dec 31, 1963

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

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

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

23101

10930

Recd. of [unclear] [unclear]
[unclear] of [unclear], [unclear]
Filed for the 31 day of Dec
A.D. 1863 at 124 [unclear] M
[unclear] [unclear]
County Clerk and Recorder
By [unclear] Deputy

GW2

File No. _____

DUPLICATE

T 28 N R 22 W

County Blatt

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner John J. Lipinski Address Kalispell, Mont.Driller Olson & Justin Address Chandlers, Mont.Date of Notice of Appropriation of Groundwater noneDate well started Feb 5, 1962 Date Completed Feb 8, 1962Type 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)
	7" 00 23 lbs per ft.	0	117		none	

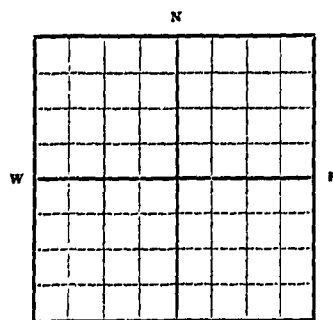
Top of Ground
(Elev. above sea level.....)

0 to 2 ft. top soil
2 to 67 ft. clay
with some gravel
and sand.

67 to 108 ft hard pan
108 to 116 clay with
some fine sand.

116 to 117 water
bearing sand
+ gravel.

Total depth
117 feet.



NE 1/4 Sec. 15 T. 28 N. R. 22 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 20 feet.Shut-in Pressure for Flowing Well non-flowingPumping Water Level 45 feet at 25 gal. per minute.Discharge in gal. per min. of flowing well non-flowingHow Tested Packer Length of Test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, loca-
tion 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) none

No. 55
Driller's License Number

Olson & Justin
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.

1508

9133

STATE OF MONTANA, SS
COUNTY OF FLATHEAD)
Filed on the 15 day of July
A.D. 1962 at 3:46 o'clock P.M.
B. E. M.
County Clerk and Recorder
By B. E. M.
Deputy

RECEIVED
JUL 16 1962
COUNTY CLERK
FLATHEAD COUNTY
MONTANA

File No.

DUPLICATE

T. 28N. R. 22W.

County Flathead

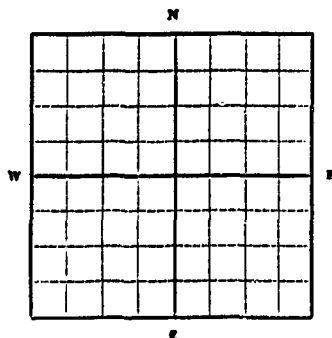
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 20 1962

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

STATE ENGINEER

1. John J. Lipinski of Route 1 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:



NE 1/4 Sec. 15, T. 28, R. 22

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.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Has been continuously in use since the year 1927.
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
All.
Such water flows from a spring.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Not applicable.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Cistern where spring water collects; pipe to house on property; located close to center of owner's property.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
About 1927.
8. The depth of water table
Unknown.
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
No well in the technical sense; spring water which flows to the surface.
10. The estimated amount of groundwater withdrawn each year
Adequate domestic use.
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
Such use has been on a tract of land in the NE 1/4 of Section 15, T. 28 N., R. 22 W., on property heretofore known as Putman Ranch.

Signature of Owner

Date Feb. 13, 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 School of Mines and Quadruplicate for the Appropriator.

9132

STATE OF MONTANA
COUNTY OF FLATHEAD
Filed on the 15 day of Feb
A.D. 1962 at 3:00 o'clock P.M.
B.E.M.
County Clerk and Recorder
By B.E.M. Deputy

File No.

GW 4

T 28 R 22 N 15
CountySTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

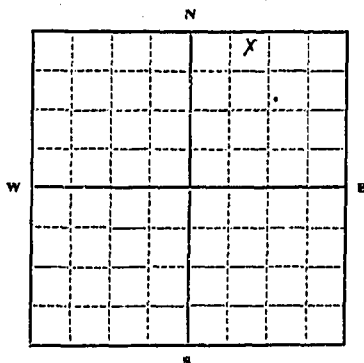
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1984

STATE ENGINEER

1. Ella McLeod, of 12th St. B. Halls/ell
(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:



NW 1/4 E. Sec. 15, T28 R. 22

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 - Lawn & Garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
May 1953
Continuous since then
4. The amount of groundwater claimed (in miner's inches or gallons per minute).
20 G.P.M.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
1/2 acre Ella McLeod
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Powered by deep well jet pump
one well on the corner
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
May 1953
8. The depth of water table.
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.
Well - 100 ft. depth - 6 in. casing
10. The estimated amount of groundwater withdrawn each year.
300 gal. per day (average)
11. The log of formations encountered in the drilling of each well if available.
not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Ella McLeodDate 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.

22880

10709

STATE OF MONTANA)
COUNTY OF FLAINEAD) SS

Filed on the 21 day of *dec*
A.D. 19*63* at *9:30* o'clock *A*.M

2 C M
County Clerk and Recorder

By *[Signature]*
Deputy

RECEIVED

GW2 H H NEWS

SEP 8 1967

File No.

County

T 28N R 22W 15
Bluthead

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 2980.)

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner

Aldus J. Mackay Rt 2

Driller

Homer McClarty 945-88 A.H.

Date of Notice of Appropriation of Groundwater

Date well started Aug 24/67 Date Completed Aug

Type of well Drilled
(dug, driven, bored or drilled)Equipment Used 22 W. Buryman
(Churn, drill, rotary or other) EricWater Use: Domestic ☒ Industrial ☐Municipal ☐ Drainage ☐Stock ☐ Other ☐Irrigation ☒

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.

18" Top soil

Silt

4 ft.

Gravel, cobbles
+ Clay

10 ft

Seepage

38 ft

Clay, gravel + cobbles

80 ft

Silt, sand
+ gravel

123 ft

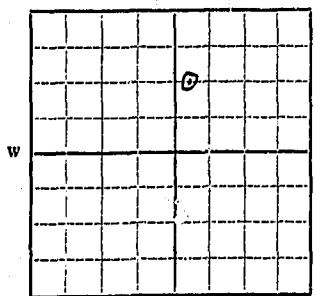
Coarse sand

+ gravel

Water

Size
of
Drilled
Hole
7" O.D.Size and
Weight of
Casing
23 #From
(Feet)To
(Feet)

PERFORATIONS

Kind
SizeFrom
(Feet)To
(Feet)

W 1/4 NE 1/4 Sec. 15 T28N R22W

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

129 ft.

Show exact depth of bottom.

Static Water Level for non-flowing Well 18 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 12 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 3 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, loca-
tion 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) 6

Driller's License Number 18

Homer McClarty
Driller's SignatureThis form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Re-
corder 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.

42,286

12,990

STATE OF MONTANA
COUNTY OF FLATHEAD, SS

Filed on the 5 day of Sept
A.D. 1907 at 4:00 o'clock P.M.

County Clerk and Recorder

By M. J. Deputy

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 Robert L. Miller
Address 70.2 W.
Kaliispell, Mont
Date well started June 11, 1970 GW 1
completed July 17, 1970
Type of well Drilled
(Dug, driven, bored or drilled)
Equipment used 22 W Buypac
(Cable drill, rotary or other)
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

For Administrator's Use
File 141 P1
July 27, 1970
12:21 p.m.

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7" OD	23 1/2"		225			

Static water levelft.*
Pumping water level 390 ft.*
atgallons per minute,
measuredminutes after pumping
began.
*Measured from ground level
Well developed by tailer
for 4 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

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

Driller's Signature Homey McVarty
Driller's Address 945-8th Ave X
Kaliispell, Mont LICENSE NO. 18

28N-22W
County Julia

DRILLER'S LOG

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

Top of Ground

(Elev. above sea level) 2920

From (Feet)	To (Feet)	
2		Top Rock
		Clay, shale
29 ft		cream color
63 ft		Brown color
74 ft		Hard pan
115 ft		Hard pan
171 ft		Green color
		cream color
258 ft		

Gray rock
Water
flowing
2 ft above
ground
400 ft Show exact depth of bottom

47267

GW3

File No.

ORIGINAL

15
T. 28 N. R. 22 W.
County. Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 18 - 1963

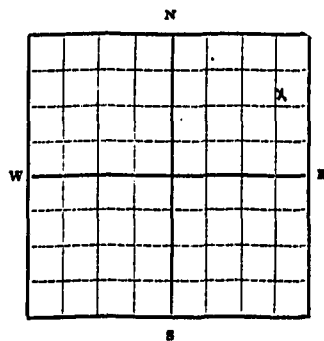
Owner Tracy, David Address Rte. 2, Kalispell

Contractor (if any) none

Address of Contractor

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

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



NE 1/4 Sec. 15, T. 28, R. 22

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

tent estimate approximate lengths of periods of use

Three hundred gallons per hour
pumps two days per week
from three to four months
during garden season

Signature of Owner Tracy, David

Date Dec 18 1963

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

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

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

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

22520

10,340

STATE OF MICHIGAN)
COUNTY OF FLINTHEAD) SS

Filed on the 30 day of Dec
A.D. 1963 at 8:22 o'clock A.M.

J. B. N.

County Clerk and Recorder

By J. B. N.

Deputy

F. No. _____

GW. _____

T. 28 N 22 W 15

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

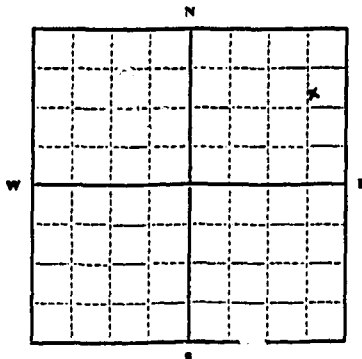
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Tracy Parick of Rte 2 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:



Ne 4 22 1/4 Sec. 15 T. 28 N. R. 22 W.

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

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

Home and garden

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

March 1942. Ever since

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.

for home garden

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

Electric pump. Well and pump in basement of house

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

March 1942

8. The depth of water table.

Ten 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.

Dr. well lined with two foot diameter concrete to ten feet deep

10. The estimated amount of groundwater withdrawn each year.

876000 gal.

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

6' lay. of 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.

Deed Book 300
Page 192

Signature of Owner Tracy Parick

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.

22519

10 339

STATE OF MICHIGAN / SS
COUNTY OF PLAINFIELD

Filed on the 30 day of Aug
A. D. 1963 at 54 o'clock a. M

J. E. M.
County Clerk and Recorder

By M. J. Deputy

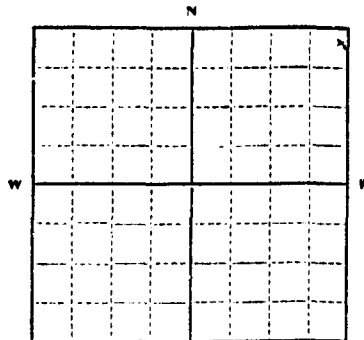
T 28 N 22 W 15
County FlatheadSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JUL 24 1963

STATE ENGINEER

1. Glenn H. and Nellie J. Putman, of Route 2 B 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:

Tract of land in

N.E. 1/4 Sec. 15 T. 28 N. R. 22 W.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.2. The beneficial use on which the claim is based home3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been June '58 continuous use4. The amount of groundwater claimed (in miner's inches or
per minute) 3 gallon5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
1/4 of said property owned by
Glenn H. and Nellie J. Putman6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal pump7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. April '58 May '588. The depth of water table 78 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. drilled well, six inch, 93 ft.10. The estimated amount of groundwater withdrawn each year 65,700 gallons11. The log of formations encountered in the drilling of each well if available dirt, 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 no other informationGlenn H. Putman
Nellie J. Putman
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.

9814

STATE OF MONTANA / SS
COUNTY OF FLATHEAD

Filed on the 22 day of July
A.D. 1969 at 7:45 Clock M

Ben
County Clerk and Recorder

By *[Signature]*
Deputy

RECEIVED

28N-22W

County Flathead

15

APR 14 1972

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 **Rodney Leroy and Dorothy M. Stickney**

Address **Route 2**
Kalispell, Montana

Date well started **9/3/70**
completed **9/15/70**

For Administrator's Use

File **14409; April 11, 1972**
1146 P.M.

GW 1

Type of well **Drilled**

(Dug, driven, bored or drilled)

Equipment used **Air Rotary**

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

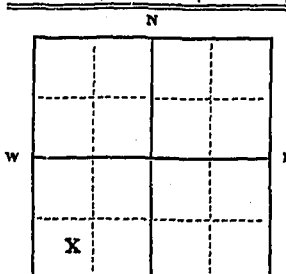
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

*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 **4,204,800 gallons**

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	8 5/8" OD x 1/4"	0	4'6"			
	6 5/8" OD x 1/4"	+2	40	N	O	N E



Static water level **205** ft.*
Pumping water level **285** ft.*
at **7** gallons per minute,
measured **13** minutes after pumping
began.

*Measured from ground level.
Well developed by **Air Lift**
for **13** hours. Pump
Power **Diesel** Pump **150** HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) **All**
water entering well
from cracks and seams
in the rock below 411
feet. Annulas between
cont.

SW 1/4 Sec. **15**
T.28N N R. **22W** E
S W

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

Driller's Signature **W. J. ...**

Driller's Address **2500 Reserve Street**

Missoula, Montana LICENSE NO. **52**

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.

Top of Ground (Elev. above sea level) **5280'**

From (Feet)	To (Feet)	
0	3	Tan clay and boulders
3	33	Gray rock
33	42	Gray, tan and brown rock
42	56	Light green rock
56	65	Gray rock
65	71	Green rock
71	122	Gray rock
122	411	Green rock
411	425	Gray rock
425	449	Green rock
449	642	Gray rock
642	950	Green rock

950 ft. Show exact depth of bottom water rises in well **205** feet from surface.

50,199

14, 449

STATE OF MONTANA, SS
COUNTY OF FLATHEAD

Filed on the 11 day of April
A. D. 1922 at 1146 o'clock AM

By Ben County Clerk and Recorder

By _____ Deputy

six inch and eight inch casing is grouted with five sacks of cement.

File No.

GW 4

T. 28N R. 22W 15

County.

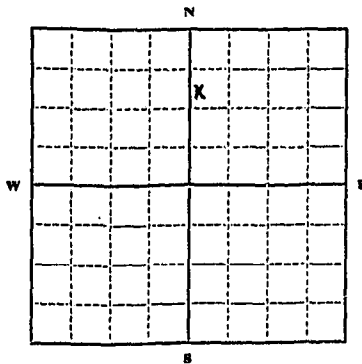
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. George H. Stroisch, of Rte 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:



N.W. 1/4 NE Sec 15 T. 28N R. 22W
MPM

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Jan. 30, 1951

Constantly

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof just for gardening about 1 acre.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater December 26, 1950 finished Jan. 20, 1951

8. The depth of water table 110 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 Drilled 7 in casing
130 ft.

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 Sand clay boulders 30 ft., Clay boulders 50 ft., Cement gravel boulders 30 ft., Cement gravel 10 ft., gravel 5 ft., water gravel 5 ft.

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

George H. Stroisch

Date Dec. 31, 1963

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

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

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

23081

10911

CITY OF INDIANAPOLIS
COUNTY OF MARSHALL
Filed on 10831 day of *dec*
A.D. 1963 at 103 o'clock *P*.M
D. C. M.
County Clerk and Recorder
By *L. L. H.*
Deputy

FT No. _____

GW 4

T. 28N R. 22W 15

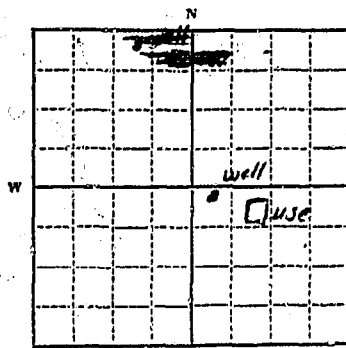
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

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

1. Clarence A. & Edwina M. Vorhies, of RT 2-B 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:



NW 1/4 Sec. 15 T28N R22W

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 House - Garden - lawn - Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947 - Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Estimated average 6 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 Garden - lawn - Stock - Clarence A. Vorhies

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 - sometime in 1947

8. The depth of water table about 4 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 Spring well - Hand dug about 8 feet deep

10. The estimated amount of groundwater withdrawn each year 50,000 to 80,000 gal. per year

11. The log of formations encountered in the drilling of each well if available Gravel & sand formation

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 Clarence A. Vorhies

Date Dec 17, 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.

14441

10,053

STATE OF MONTANA | SS
COUNTY OF FLATHEAD

Filed on the 15 day of Dec
A.D. 1963 at 2:33 o'clock P.M.

J. E. M.
County Clerk and Recorder

By *J. L. L.* Deputy

File No.

OW 4

T 28 N 22W 15

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

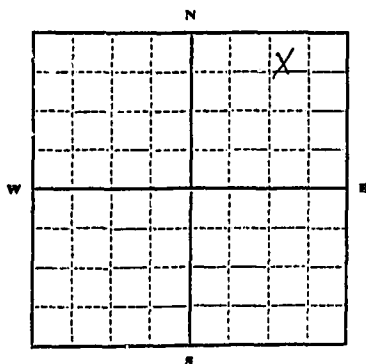
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 8 1964

State ENGINEER

1. L.R. Weedman of R 2 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:



NE 1/4 Sec 15 T28 R22

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

2. The beneficial use on which the claim is based. House
Chicken house & irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 20 years & in use
ever since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1.5 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
1 1/2 acres for garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump
6 feet west of house

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 20 years 1943

8. The depth of water table. 6.5 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. Bored 6 inch 14.2 feet

10. The estimated amount of groundwater withdrawn each year. about 60000 gallons

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

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

Signature of Owner L.R. WeedmanDate 12-31-63

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.

22895

10724

STATE OF INDIANA)
COUNTY OF FULTON) SS

Filed on the 31 day of Dec
A.D. 1963 at 9:25 o'clock AM

RCM
County Clerk and Recorder

By W. A. H.
Deputy

GW 2

File No. _____

DUPLICATE

T. 28 N. R. 22 W. Sec. 16

County. GlacierSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
OCT 30 1962Notice of Completion of Groundwater
Appropriation by Means of Well

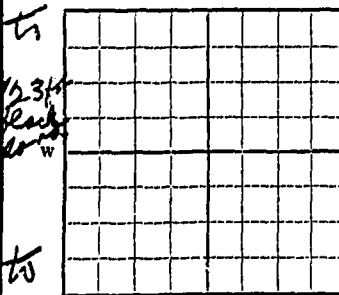
(Under Chapter 237, Montana Session Laws, 1955)

Owner: Howard Antrell Address: Rt 2 - KalispellDriller: James McClinty Address: 945 - 8th St. N.

Date of Notice of Appropriation of Groundwater _____

Date well started Sept 4/62 Date Completed Sept 13/62Type of well drilled Equipment Used 2 1/4" Bucyrus
(dug, driven, bored or (Churn, drill, rotary or
drilled) other) ShurWater Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Top of Ground
(Elev. above sea level 2949)1 ft top
to12 ft gravel
to18 ft gravel
with boulders
to36 ft gravel
to48 ft cement
gravel
to52 ft coarse
sand & little
water
to118 ft gravel
sand
with boulders
N11-17-18 block
Cody, Howard Park Lots
Sec. _____ T. _____ R. _____Indicate location of well and
place of use, if possible. Each
small square represents 10 acres.132 Course sand
Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	<u>2 3/4"</u>		<u>132 ft</u>			

Static Water Level for non-flowing Well 33 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 60 feet at 16 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested boiler Length of Test 2 hrsRemarks: (Gravel packing, cementing, packers, type of shutoff, loca-
tion 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 18Driller's Signature James McClintyThis form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Re-
corder in the county in which the well is located.

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

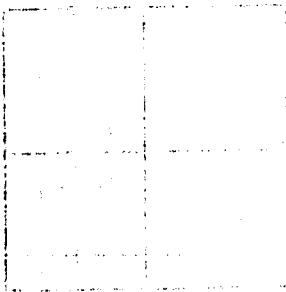
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines
and Quadruplicate for the Appropriator.

2599

9446

STATE OF MONTANA
COUNTY OF FLATHEAD (SH)
Filed on the 1 day of Nov
A. D. 1962 at 10:15 o'clock P.M.
L. B. M.
County Clerk and Recorder
By [Signature] Deputy

Handwritten notes and stamps on the left side of the document, including a vertical stamp that reads "RECORDED" and "INDEXED".



16
T. 28N R 22W
County 7 lathead

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 29 1900

WATER WELL LOG

STATE ENGINEER

Owner Ray Bauer Address R 2 Kalispell
Driller Homer M. C. Clardy Address Kalispell
Date Started April 12/18 Date Completed April 21/18
Location: Sec. 16 T. 28 R. 22 1/4 sec.

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

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

Casing: 70 ft. to 121 ft. Type Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations

Static Water level, for non-flowing well: 40 ft from top feet.

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

Pumping water level: 60 ft feet at 1200 GPM gal. per min.

How tested: Barker

Length of test: 4 hrs.

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

(over)

Log of Well

SEAL OF MONTANA
COUNTY OF PLATEAU
Filed for (14-2942) 1-2-1907
A. E. M.
Geo. C. and A. M. C.
b, 1-2-1907

8329

RECEIVED

T. 28 N. R. 22 W.

File No. _____

County Glacier

DUPLICATE

SEP 8 1967

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground _____

(Elev. above sea level 2980)Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

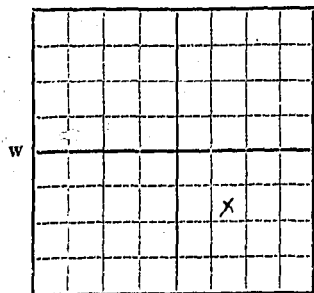
Owner Frank Carpenter Address Henry & W. KelloggDriller Harvey McClarty Address 945-8th St. N.

Date of Notice of Appropriation of Groundwater _____

Date well started June 29/67 Date Completed July 11/67Type of well Drilled Equipment Used 21 W. Buehler
(dug, driven, bored or drilled) (Churn, drill, rotary or other) ErnieWater 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.

1 ft Top soil
Clay
large boulders
11 ft
Cream color
hard pan
56 ft Gravel & cobbles
Glacier till
86 ft
blue hard pan
96 ft
Brown clay 7" OR
& gravel
114 ft
Gravel, water



NW 1/4 SE Sec. 16 T. 28 R. 22

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

120 ft.

Show exact depth of bottom.

Static Water Level for non-flowing Well 9 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 95 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer 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 18Driller's Signature Harvey McClarty

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.

42,276

75

12,960

No.	Date	Particulars	Debit	Credit	Balance
1	1967				
2	1967				
3	1967				
4	1967				
5	1967				
6	1967				
7	1967				
8	1967				
9	1967				
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97	1967				
98	1967				
99	1967				
100	1967				

By _____
County _____

FILED

RECEIVED

File No. _____

SEP 8 1967

T. 28N R. 22W

County Flathead

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground _____

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

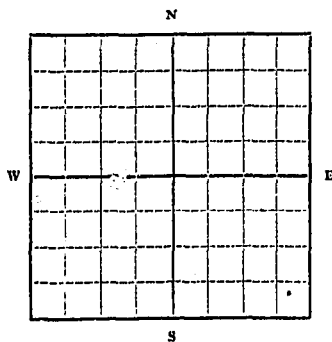
**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner Douglas C. Demaree Address Kalispell, MontDriller Alsen & Justin Address Cal. Falls, MontDate of Notice of Appropriation of Groundwater now filedDate well started Sept 14-65 Date Completed Sept 20-65Type of well Drilled Equipment Used Churn
(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)
6 3/8	7" O.D. 23 lbs per ft	0	137	none		



SE 1/4 Sec 6 T. 28N R. 22W

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 70 feet.Shut-in Pressure for Flowing Well non flowingPumping Water Level 95 feet at 20 gal. per minute.Discharge in gal. per min. of flowing well now flowingHow Tested Back 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) _____

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.

42,283

12. 9. 6

STATE OF CALIFORNIA

Filed on the 22 day of Aug
A. D. 1967 at 12:15 o'clock P. M.

26m
County Clerk and Recorder

By: [Signature] Deputy

File No. _____

GW 4

T 28 R 22

County _____

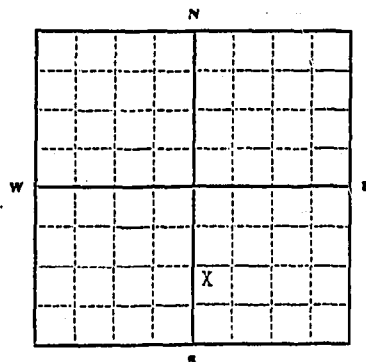
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. AUDREY F. FENSKE of ROUTE 2, KALISPELL, 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:



SW 1/4 Sec. 16, T28N, R. 22W.

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been JULY, 1951 AND CONTINUOUSLY SINCE THAT TIME
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 GALLONS PER MINUTE
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
ELECTRIC PUMP ON DRILLED WELL
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
JULY, 1951
8. The depth of water table NOT AVAILABLE - INTERMITTENTLY FLOWING
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 97', 8" CASING
10. The estimated amount of groundwater withdrawn each year 10,000,000 GAL.
11. The log of formations encountered in the drilling of each well if available
NOT AVAILABLE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Audrey F. Fenske

Date DECEMBER 31, 1963

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

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

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

23197

11027

RECEIVED
COUNTY CLERK
FILED
6-31-12 Dec
Filed 6-31 day of
June 2012 3:00 PM
County Clerk and Recorder
By: [Signature]
Deputy

File No. _____

GW 4

T. 28 R. 22

County _____

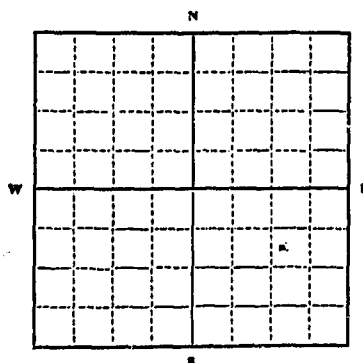
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. LESLIE D. and NEVA I. FOY, of Rt. 2 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:



NE 1/4 Sec. 16, T. 28, R. 22

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 & garden

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

approx. 1955

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

6 gal. per min.

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

small garden

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

well - in corner of basement
elec. pump

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

approx. 1955

8. The depth of water table.....

unknown

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.....

8"

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

500,000 gal.

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

not available

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

Signature of Owner.....

Leslie D. Foy
Neva I. Foy
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.

22789

10610

STATE OF MONTANA
COUNTY OF FEATHERHEAD

Filed on the 30 day of Dec
A.D. 1963 at 4:23 o'clock P.M.

H. E. M.
County Clerk and Recorder

By *Jma*
Deputy

File No. _____

GW 4

16 T. 28 N. R. 22 W.

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

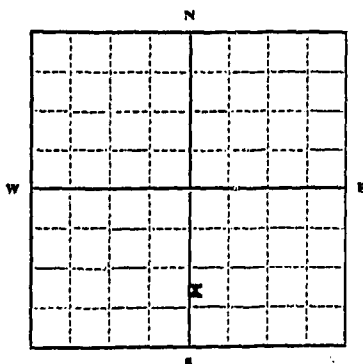
RECEIVED
DEC 17 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Chateau L. Gibson of Route 2, 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:



W 1/4 SE 1/4 19 Sec. 16 T. 28 N. R. 22

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 livestock water.

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1952, continuous use.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater September, 1952

8. The depth of water table approximately 5 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 about 12 feet deep, 3 ft. diam. concrete
well casing.

10. The estimated amount of groundwater withdrawn each year 110,000 gallons.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record none

Signature of Owner

Chateau L. Gibson

Date December 6, 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.

9628

9999

STATE OF MONTANA : SS
COUNTY OF FLATHEAD:

Filed on the 13 day of Dec
A.D. 1942 at 2:30 o'clock P.M.

pen
County Clerk and Recorder

By: [Signature] Deputy

Doc. No. 14109
Filed for record
This 9 day of Feb.
A. D. 19 70 at 8:06
o'clock A.M.

DUPLICATE

T. 28N R 22W 16
County Glacier

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 C. L. Gibson Address Kalis, Mont.

Driller Edward J. Danner Address 320 1st St. Kalis, Mont.

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

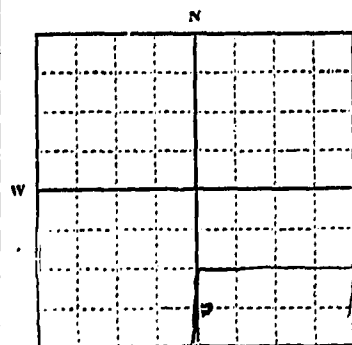
Date well started Jan 2-70 Date Completed Jan 23-70

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 19 Pound	25 Above F.L.		OPEN		
				BOTTOM		



S 2 1/2 E 1/4 Sec. 16 T 28 R 22
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

80' 6"

Static Water Level for non-flowing Well 14 feet.

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

Pumping Water Level 14 feet at 27 gal. per minute.

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

How Tested Bailer 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).....

186
Driller's License Number

Edward J. Danner
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.

46315

14109

STATE OF MONTANA
COUNTY OF FLATHEAD SS

Filed on the 9 day of *Feb*
A.D. 1970 at 2:06 o'clock P.M.

Sum
County Clerk and Recorder

By *JP* Deputy

Notary Public
State of Montana

Notary Public
State of Montana

Notary Public
State of Montana

Notary Public
State of Montana

Notary Public
State of Montana

MONTANA WATER RESOURCES BOARD
RECEIVED
APR 7 1970