13,994

STATE OF MONTANA)
COUNTY OF FLATHEAD) SS

Filed on the 16 day of May
A. D. 1969 at 9:25 o Clock a M

[illegible]
County Clerk and Recorder

By [illegible] Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—2329

File No.

T 27N R 21W

TRIPLICATE

County Flathead

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 Approx. 2996')

Formations Log:

0 -	1	Top soil.
1 -	4	Tan clay & broken rock.
4 -	8	Blue rock.
8 -	9	Blue rock & gray rock.
9 -	19	Gray rock.
19 -	28	Gray, tan & brown rock in thin alternate layers.
28 -	45	Light gray and green rock.
45 -	49	Tan and brown rock. Seeps of water.
49 -	62	Gray, tan and brown rock in thin alternate layers.
62 -	98	Gray rock.
98 -	182	Gray, tan and brown rock. Water.

Water rises in the well 95 feet from surface.

Show exact depth of bottom.

Bottom of hole 182'

Owner Robert B. Gibson Address Kalispell, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 11/9/68 Date completed 11/12/68

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 ☐

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"	6 5/8" OD x [illegible]"	+6"	64	NONE		

N / W / E / S

SW ¼ SW Sec 26 T 27 R 21

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

Static Water Level for non-flowing well 95 feet.

Shut-in Pressure for Flowing Well Non-f

Pumping Water Level 156 feet at 50 gal. per minute.

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

How Tested Air Lift Pump

Length of Test two hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) Annular space around casing is grouted with two sacks of cement. All water entering well is coming through cracks and seams in the rock below 98 feet. Wells in this area can be depended upon to produce clear sand free water year after year as long as they don't get overpumped.

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

Approx. 1½ acres

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.

52
Driller's License Number

William S. Gahring
Driller's Signature

13,973

STATE OF MONTANA)
COUNTY OF FLATHEAD) ss

Filed on the 26 day of Nov
A.D. 19 69 at 4:35 o'Clock P M

GEM
County Clerk and Recorder

By M.J
Deputy

1. The well should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

—

...s Bureau Field Office
...t of Natural Resources and Conservati...
...x 224
...pell, MT 59901

I (We), ...

my (our) Application for Beneficial Water Use ...

My (our) reason for this action is: ...

...County Clerk and Recorder

...Deputy

...s Bureau Field Office
...nt of Natural Resources and Conservation
...ox 224
...Spell, MT 59901

I (WE), Robert R. Gibson hereby terminate

my (our) Application for Beneficial Water Use Permit No. _____.

My (our) reason for this action is: This Notice was filed in the Flathead County Clerk & Recorders office on March 26, 1969 at 4:20 PM. RF # 13973

Robert R. Gibson 2-27-1978
Signature Date

Office to
T. & Upstream

...You will not receive a ... at this time, but it will be recorded in the state records.

If you have any questions or need further assistance, please feel free to contact us at our Kalispell office.

Sincerely,

Richard A. Chaffin
Water Rights Analyst

KAC/skd

February 16, 1978

Robert R. Gibson
206 Old 93 S.
Somers, Montana 59932

RE: Notice of Completion of Ground-Water Development

Dear Mr. Gibson:

We have received your application, however, there is a $5.00 filing fee which we must have before we can continue to process your application. Please submit a check as soon as possible for this amount made payable to the Department of Natural Resources and Conservation.

The owner of a well drilled between January 1, 1962 and July 1, 1973, was required by law to record it at the time of drilling. The attorney generals opinion is these wells if not recorded at that time must be recorded now. To record a well requires a fee be paid.

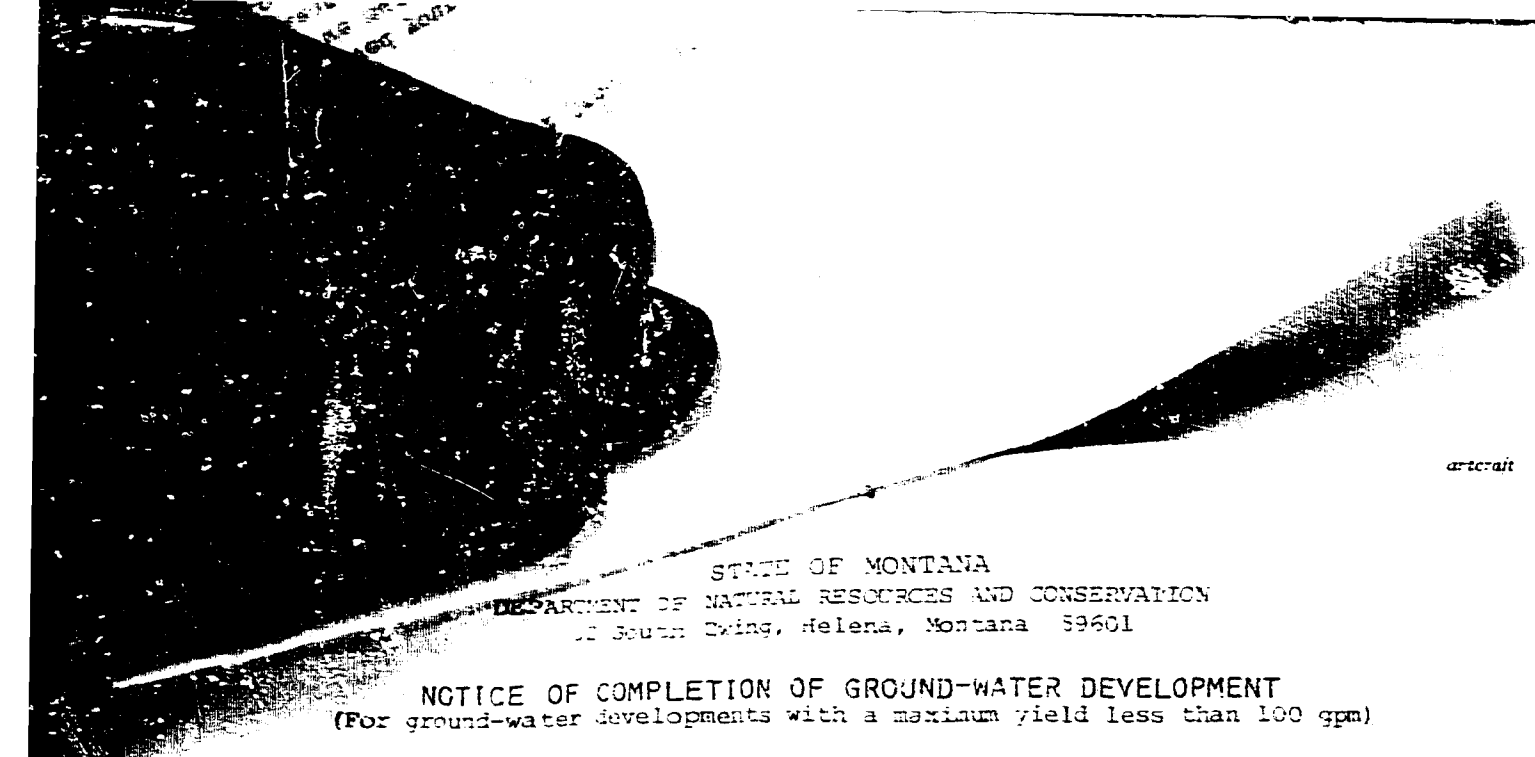
You will not receive a certificate of Water Right on this well at this time, but it will be recorded in the state records.

If you have any questions or need further assistance, please feel free to contact us at our Kalispell office.

Sincerely,

Richard A. Chaffin
Water Rights Analyst

RAC/skd



STATE OF MONTANA
DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
32 South Ewing, Helena, Montana 59601

NOTICE OF COMPLETION OF GROUND-WATER DEVELOPMENT

(For ground-water developments with a maximum yield less than 100 gpm)

IMPORTANT

The right to the use of ground water is not automatic. Your priority will be determined by the date of filing this form; however, DO NOT SUBMIT THE FORM UNTIL THE DEVELOPMENT IS COMPLETED, WITH PUMP OR OTHER MEANS OF WITHDRAWAL INSTALLED. Attach the appropriate filing fee, payable to the Department of Natural Resources and Conservation.

FOR DEPARTMENT USE ONLY

Notice No. _____

Date received 2 (month) 17 (day), 19 72 (year)

Time 11 30 By Sharon Drake

Transmittal No. _____

Fee received $ _____

(Please type or print in ink)

1. Name(s) Robert R Gibson

Mailing address [illegible]

City or town Somers State Mont Zip [illegible]

Home phone No. 857-3327 Other phone No. —

2. Source of water supply WELL
(well, pit, developed spring, sump, etc.)

3. Point of withdrawal:

Lot _____ Block _____

Subdivision North Side of Tr N

SLA

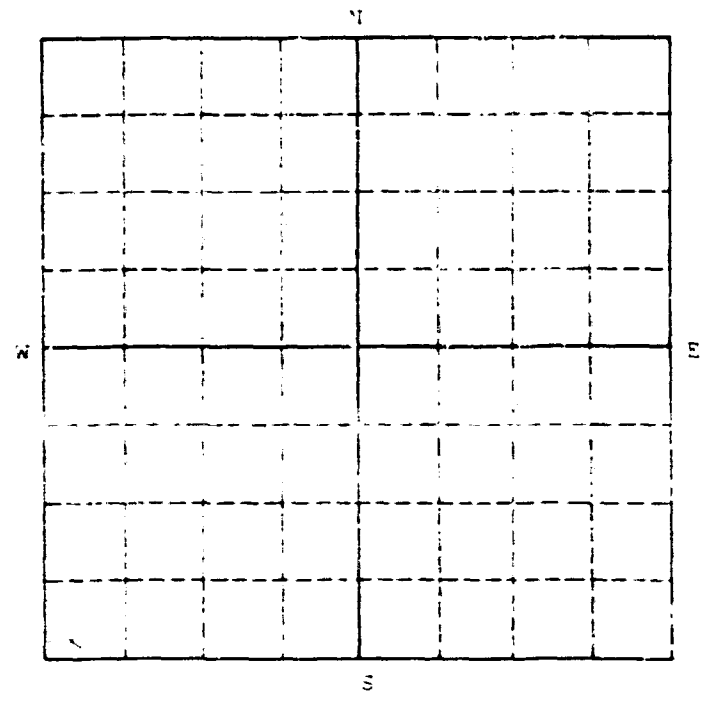
SW¼ SW¼ SE¼ Section 26

Township 27N N. Range 21W E W

County Flathead

Indicate place of use and point of withdrawal on the map. Attach additional maps, aerial photos, etc., if needed.

Note: Your legal land description may be obtained from your deed, the county assessor, or the clerk and recorder.



(Complete reverse side)

4. Total use: 5 gallons per minute for the following beneficial use(s):

☐ Domestic (includes lawn and garden)
from Jan 1 (month-day) to Dec 31 (month-day), incl.

☐ Stock from _____ (month-day) to _____ (month-day), incl.

☐ Irrigation from _____ (month-day) to _____ (month-day), incl.

*☐ Other from _____ (month-day) to _____ (month-day), incl.

*Describe _____ (industrial, municipal, recreational, etc.)

5. (a) Name and address of well driller or contractor: (If applicant or other, please indicate.)

Name Liberty Drilling Co

Address 3350 Hwy 93 So Kalispell Mont. 59901

(b) Maximum withdrawal: 50 gpm as tested by driller.

(c) Date water development started: Nov 2 1968 (month-day-year)

Date completed: Nov 2 1968 (month-day-year)

6. Remarks: (Use this space for additional information, if needed, to describe development.)

7. THE APPROPRIATOR CERTIFIES THAT THE STATEMENTS APPEARING HEREIN ARE TO THE BEST OF HIS KNOWLEDGE TRUE AND CORRECT.

[signature] 2-6-69
(signature) (date)

_____
(signature) (date)

Signature(s) of appropriator(s) must be exactly as in Item 1, page 1. If more than one appropriator is shown, all must sign.

No. [illegible] GW-1 T. 2 R.

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) STATE ENGINEER

1. I, Archie Henson of [illegible] Somers
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 E S

N ½ Sec 26 T. R 21 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 Household.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct 5 1962 ready for use

4. The amount of groundwater claimed (in miner's inches or gallons per minute Take out 322 Gal Then 240 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 sprinkling lawn

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept, 18, 1962 Oct 5, 1962

8. The depth of water table 79 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, 4½ casing 22 ft depth 127 ft.

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available 0–28 ft clay gravel boulders, 28 to 83 ft solid rock, 83 ft to 127 ft porous rock with water.

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 Archie Henson

Date 10-11-62

These 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.

9433

: GW 2 Revised 1969
STATE PUBLISHING COMPANY

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 Elmer G. Roland

Address Box 65

Somers, Montana 59932

Date well started 6/6/73

completed 6/11/73

For Administrator's Use
File
GW I

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

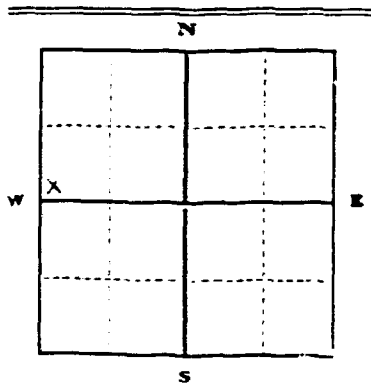
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 2,700,000 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 .250	+2'8"	140'	N O N E		



Sec. 26
T. 27 N R. 21 E W

Static water level 10 ft.*
Pumping water level 109 ft.*
at 60 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by air surge
for six hours.
Power Diesel Pump 150 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Hit water
bearing, well then cracks ?
seams in rock below 341'.
Well in this area can be
developed upto (G.P.M.)

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

Driller's Signature [signature]

Driller's Address KELLY DRILLING & PUMP CO.

KALISPELL, MONTANA 59901 LICENSE NO. 52

County Flathead

DRILLER'S LOG

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

Top of Ground Approx. (Elev. above sea level) 2900'

From (Feet)	To (Feet)	
0	19	Small gravel mixed with some sand.
19	22	Tan silty clay.
22	49	Fine to coarse gravel mixed with fine tan sand and tan silt. Very silty water.
49	123	Reddish brown clay with few gravels embedded.
123	139	Soft brown rock.
139	206	Dark blue-gray rock.
206	224	Lighter colored blue-gray rock.
224	255	Tan & gray rock in thin alternate layers.
255	341	Dark blue-gray rock.
341	346	Fractured blue-gray rock. Water, 15gpm total.
346	398	Solid blue-gray rock.
398	406	Fractured blue-gray rock. Water, 60 gpm total.

406' Show exact depth of bottom

produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

File No. ..... GW 4

T 27 N R 21 W

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

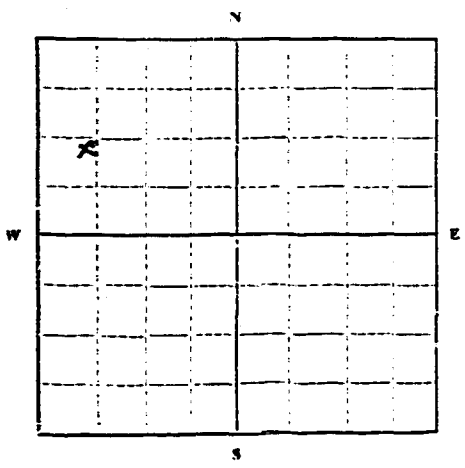
RECEIVED
DEC 17 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. GEORGE T. & CLARA HOPPER of BOX 127 SOMERS
(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:



NW¼NW¼ Sec. 26 T 27 N. R 21 W.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been DURING 1950 CONTINUOUS USE

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 NOT USED

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal BY PUMP. LOCATION OF WELL SAME AS POINT OF APPROPRIATION

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater EXACT DATES UNKNOWN, DURING 1946

8. The depth of water table 15 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 WELL CONCRETE CASED - 36" IN DIAMETER - 25' DEEP

10. The estimated amount of groundwater withdrawn each year 5500 GALLONS

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 NO OTHER INFORMATION AVAILABLE

Signature of Owner George T. Hopper Clara Hopper

Date Dec 13th 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.

9604

9996

State of Illinois } ss

Filed in the 13 day of Dec
A.D. 1963 at 1:45 o'clock P M
Gladys Gale
County Clerk and Recorder
By JJ H
Deputy

GW 2 Revised 1969
STATE PUBLISHING COMPANY

County [illegible]

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: Billie E. & Maria T. Houchin, husband and wife, and James & Dorothy Fern Robertson, husband and wife
xxxxxxxxxxxxxxxxxxxxxxx

Address [illegible]

Date well started [illegible]

completed [illegible]

For Administrator's Use
File 14,767
June 12, 1973
GW 1 952 [illegible]

Type of well [illegible] (Dug, driven, bored or drilled)

Equipment used [illegible] (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	PERFORATIONS From (Feet)	PERFORATIONS To (Feet)
[illegible]	[illegible]		[illegible]	[illegible]		

N

X			

W / E / S

In Gov't Lot #5
SW ¼ SW ¼ Sec. 26
T. 27 N R. 21 W

Static water level [illegible] ft.*
Pumping water level [illegible] ft.*
at [illegible] gallons per minute,
measured [illegible] 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 Emmett [illegible]

Driller's Address [illegible], Mont.

LICENSE NO.

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
		[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

[illegible] Show exact depth of bottom

53,496

14707

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS

Filed on the 12 day of June
A. D. 19 B at 2:50 Clock P M

County Clerk and Recorder

By _____ Deputy

GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Flathead

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 C.C. Lunstad & Leota M. Lunstad

Address Somers, Montana

Date well started 11/13/72

completed 11/15/72

For Administrator's Use
File 14675
May 4 1973
GW 1 2:30 p.m.

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

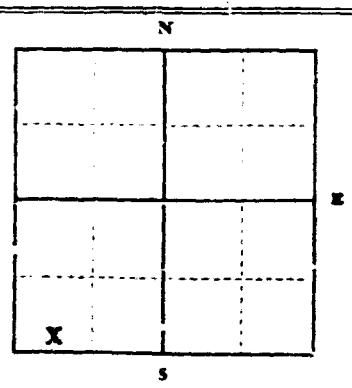
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 15,768,000 Gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	6 5/8 x 7#	-2	134	4"x [illegible]	164	134
				12 perforations per Ft.		



SW ¼ SE ¼ Sec. 26
T. 27 N R. 21 E
W

Static water level 85' ft.*
Pumping water level 119' ft.*
at 30 gallons per minute, measured 300 minutes after pumping began.
*Measured from ground level.
Well developed by air lift for hours.
Power Diesel Pump 150 HP
Remarks: (Gravel packing, cement packers, type of shutoff) Well s from 6' to 40' with 6 sacks of cement. Wells in this area can be depended upon to produce

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

LIBERTY DRILLING CO.

Driller's Signature [illegible]

Driller's Address Route 2

Kalispell, Montana LICENSE NO. 32

DRILLER'S LOG

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

Top of Ground Approx Elev. above sea level 3050

From (Feet)	To (Feet)	
0	1	Topsoil
1	5	Gravel and tan clay
5	59	Gray rock
59	71	Gray and brown rock
71	79	Gray rock
79	87	Gray and yellow rock
87	124	Gray rock
124	145	Gray and yellow rock
		seeps of water
145	164	Yellowish brown rock
		seeps of water
164	177	Blue and yellow rock
		water 10 gpm
177	187	Gray and yellow rock
		30 gpm

187 Show exact depth of bottom of [illegible] 3' from surface.

[illegible]

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 27 day of May
A.D. 1973 at 3:40 o'Clock P M

County Clerk and Recorder

By ..... Deputy

clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 60 to 70 percent of the tested capacity of the aquifer.

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4253

File No. _____

T 27N R 21W

TRIPLICATE

County Flathead

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 Approx. 2975')

Formations Log:

0 - 14	Tan clay & broken rock.
14 - 34	Dark gray rock.
34 - 49½	Dark gray & tan to brown rock.
49½ - 53	Tan to gray rock.
53 - 78	Dark gray rock.
78 - 100	Light gray rock.
100 - 106	Dark & light gray rock & tan & brown rock in alternate layers.
106 - 123	Light gray rock.
123 - 148	Gray green rock.
148 - 150	Gray green rock & tan & brown rock in alternate layers.
150 - 158	Gray green rock.
158 - 167	Light gray & tan rock.
167 - 182	Tan & brown rock.
182 - 187	Light gray & brown rock.
187 - 218	Dark gray rock.
218 - 220	Dark gray & brown rock.
220 - 256	Dark gray rock.
256 - 291	Dark gray & white rock.
291 - 312	Dark gray & brown rock.
312 - 315	Dark gray tan & brown rock in alternate layers.
315 - 319	Dark gray rock.
319 - 327	Gray tan & brown rock.

Show exact depth of bottom.

Bottom of hole 327'

Owner Eugene L. Miller Address Somers, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 10/7/68 Date completed 10/16/68

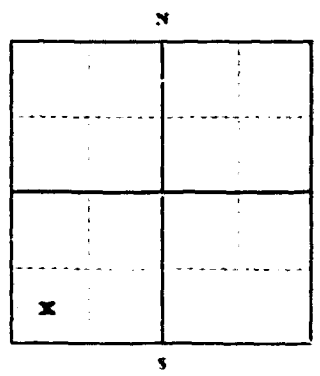
Type of well Drilled (Dug, Driven, bored or drilled) Equipment used Air Rotary Rig (Churn drill, rotary or other)

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

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

Water rises in the well 195' from surface.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	7" OD by .231	+1	35	4½" OD liner set from (0-322') Mills knife	307	322



SW ¼ SW Sec. 26 T 27N R 21W

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

Statie Water Level for non-flowing well 195 feet.

Shut-in Pressure for Flowing Well Non-f

Pumping Water Level 231 feet

at 60 gal. per minute.

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

How Tested Air Lift Pump

Length of Test Twelve hours

Remarks: (Gravel packing, cementing, packers. type of shutoff) All water entering well is coming through perforations in liner. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50% of the tested capacity of the aquifer.

(Continued 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).

Approx. three acres.

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.

52
Driller's License Number

Driller's Signature

13,948

STATE OF MONTANA)
COUNTY OF FLATHEAD) SS

Filed on the 13 day of Jan
A. D. 1949 at 11:55 o'Clock A M

[signature]
County Clerk and Recorder

By [signature]
Deputy

GW 1 Revised 1963
STATE PUBLISHING COMPANY

County Flathead

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 [illegible]

Address [illegible]

[illegible], Montana

Date well started 9/7/71

completed 9/8/71

For Administrator's Use
File 14,392 Rec'd 9/17/71
12:10 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 52,560,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
10"	6 5/8"	+2'6"	60'6"	[illegible]		
	20 #					

N / W / E / S

Static water level 85 ft.*
Pumping water level 147 ft.*
at 100 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by [illegible]
for 2 hours.
Power [illegible] Pump 150 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff). Rubber
[illegible] is attached to
six inch casing at 42'6"
and at 21'+ casing
[illegible] surface casing
(20'+)

[illegible] Sec. [illegible]
T. [illegible] N/S R. [illegible] E/W

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

Driller's Signature [illegible]

Driller's Address [illegible]

[illegible], 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.

Top of Ground approx. (Elev. above sea level) 3000'

From (Feet)	To (Feet)	
0	1	Topsoil
1	4	Tan clay and broken rock
4	37	Blue-gray rock
37	63	Tan and brown rock in alternate layers
63	101	Blue-gray rock
101	175	Tan, brown and gray rock in alternate layers, some white quartz

175' Show exact depth of bottom

Water risen in well 85' from surface.

59,911

14,392

STATE OF [illegible] } ss
[illegible] }

FILED [illegible] 9/4 [illegible] March
A.D. 1973 [illegible]
[illegible]

By [illegible]

(Con't) and six inch casing is grouted with five sacks of cement. All water entering well through cracks and seams in the rock below 141 ft.

Note: Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

GW 2 Revised 1969
STATE PUBLISHING COMPANY

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 Harriet H. Ralston

Address Somers Bay

Somers, Montana

Date well started 6/8/70

completed 6/12/70

For Administrator's Use
File 14295
September 4, 1970
2:19 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 ☒

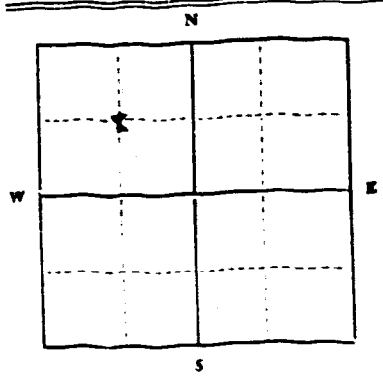
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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). 1.72 acres approximately a supply domestic & irrigation water to approx. 5 (Unknown) rental units.

ESTIMATED ANNUAL WITHDRAWAL

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	+3	147'6"	N	0 N	2



NW ¼ of Sec. 26
T. 27 N/S R. 21 E/W

Static water level 37 ft.*
Pumping water level 126 ft.*
at 60 gallons per minute,
measured 2½ hours after pumping began.
*Measured from ground level.
Well developed by Air Lift
for 2½ hours. Pump
Power 230 V Pump 1 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Annular space around casing back filled with puddled clay to seall off surface contamin-cont.

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

LIBERTY DRILLING COMPANY
Driller's Signature William S. Osborne

Driller's Address 2500 Reserve Street

Missoula, Montana 59801 LICENSE NO. 52

47459

County Flathead

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) Approx. 2925'

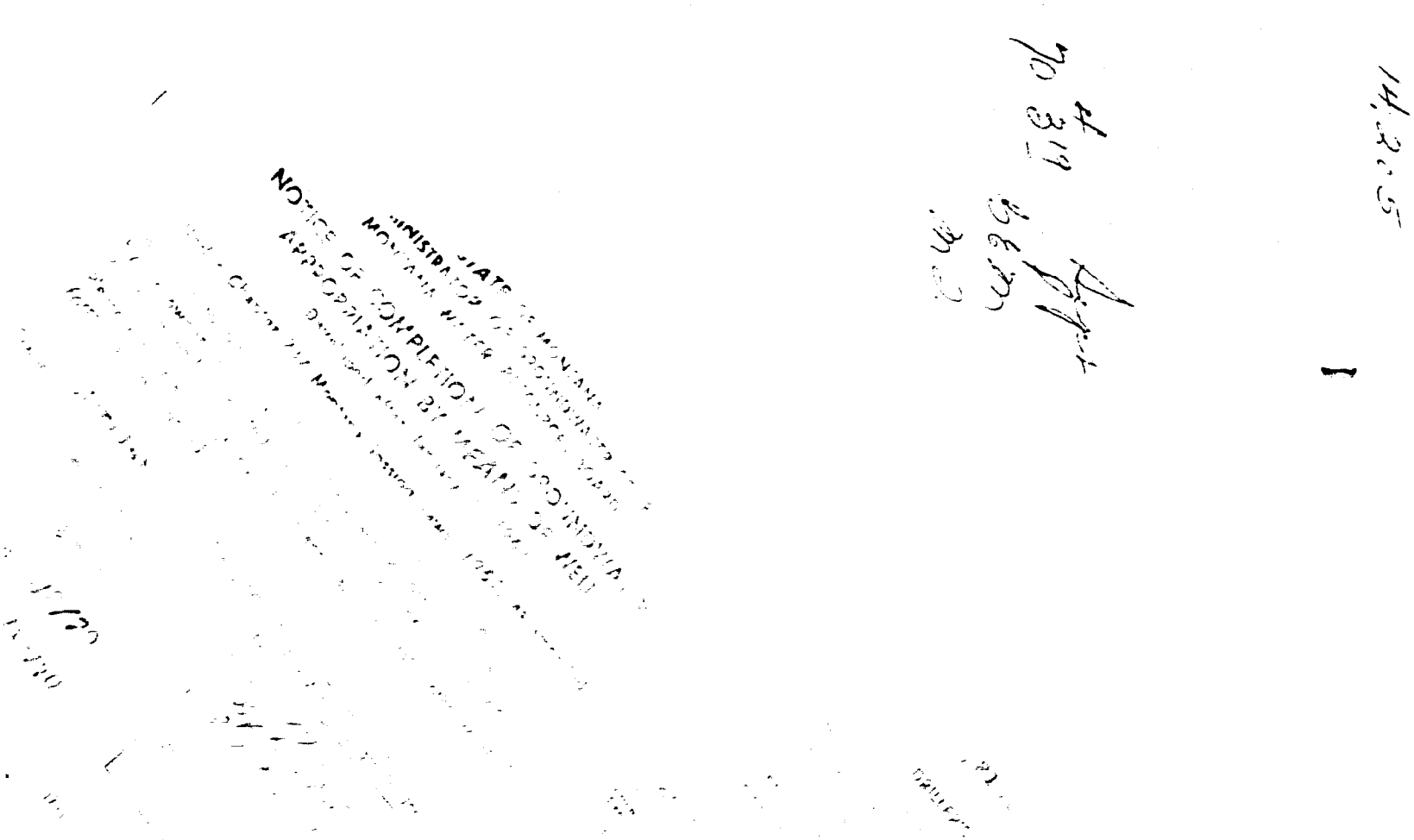
From (Feet)	To (Feet)	
0	1	Topsoil.
1	29	Gravel imbedded in tan clay.
29	31½	Blue boulder.
31½	68	Tan clay. Some gravel mixed in.
68	98	Red-tan clay and gravel.
98	146	Red-tan clay, some gravel.
146	168	Tan and gray rock. 5 GPM
168	181	Gray rock. 12 GPM
181	209	Light gray rick. 60 GPM Total.

209 ft. Show exact depth of bottom

Water rises in well 37 ft. to surface.

ates. All water entering well from cracks and seams in the rock below 168 feet. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

Starting at intersection of the easterly boundary line of U. S. Highway No. 93 with the west boundary line of Section 26, Township 27 North, Range 21 West, said point being 966.4 feet north of quarter corner common to Sections 26 and 27 of said Township and Range; thence northeasterly and following the easterly boundary line of said Highway 93 a distance of 138 feet; thence south, 45 degrees 20 minutes east, 395 feet, more or less to a point on shore of Flathead Lake; thence south, 44 degrees 38 minutes west, a distance of 200 feet, measured along th the water line of Flathead Lake; thence north, 45 degrees 20 minutes west, a distance of 350 feet, more or less, to easterly boundary line of U. S. Highway No. 93; thence northeasterly, along said easterly boundary line of said Highway 93, a distance of 67 feet to the point of beginning; containing 1.72 acres, more or less.



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 Harriet T. Relston

Address Somers Bay

Somers, Montana

Date well started 6/8/70

completed 6/12/70

For Administrator's Use

File 14225 Application 4-11-70 2:10 P.M.

GW I

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

Equipment used Air Rotary (Churn drill, rotar, or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒

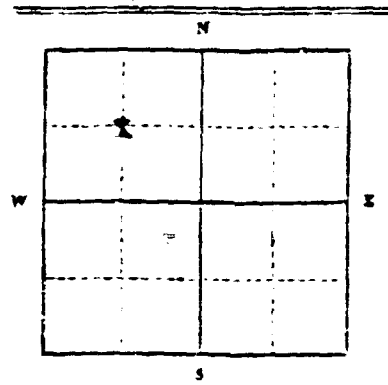
Industrial ☐ Drainage ☐ Other ☐* Garden, Lawn ☐

*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). 1.72 acres approximately, supply ~~domestic & irrigation~~ water to approx. 5 (Unknown) rental units.

ESTIMATED ANNUAL WITHDRAWAL 4,000,000 GALLONS PER ANNUM

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	+3	147'6"	NONE		



NW ¼ Sec. 26
T. 27 N/S R. 21 E/W

Static water level 37 ft.*
Pumping water level 126 ft.*
at 60 gallons per minute,
measured 2½ hours after pumping began.
*Measured from ground level.
Well developed by Air Lift
for 2½ hours. Pump
Power 230 V Pump 1 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Annular space around casing back filled with puddled clay to seal off surface contamination.

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

Driller's Signature LIBERTY DRILLING COMPANY William E. Calmes

Driller's Address 2500 Reserve Street

Missoula, Montana 59801 LICENSE NO. 52

47,457

County Flathead

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) Approx 2925'

From (Feet)	To (Feet)	
0	1	Topsoil.
1	29	Gravel imbedded in tan clay.
29	31½	Blue boulder.
31½	68	Tan clay, some gravel mixed in.
68	98	Red-tan clay and gravel.
98	146	Red-tan clay, some gravel.
146	168	Tan and gray rock. 5 GPM
168	181	Gray rock, 12 GPM
181	209	Light gray rock, 60 GPM Total.

209 ft. Show exact depth of bottom

Water rises in well 37 ft. to surface.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
MONTANA WATER RESOURCES BOARD

County Flathead

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 Harriet H. Ralston

Address Somers Bay

Somers, Montana

Date well started 6/8/70

completed 6/12/70

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

Equipment used Air Rotary (Cable 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). 2.72 acre ~~domestic & irrig~~ approximately, supply water to approx. 5 ~~owners~~ rental units.

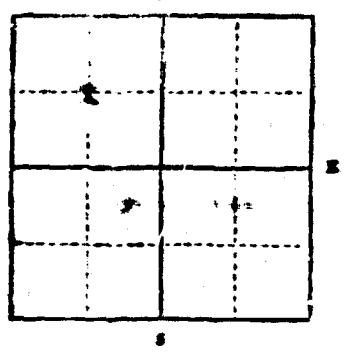
ESTIMATED ANNUAL WITHDRAWAL 600,000 GALLONS PER ANNUM

For Administrator's Use

File 14295
September 4, 1970
3:19 P.M.

GW I

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	8 5/8" 0.D	+3	147'6"	N	O	M



NW ¼ ¼ Sec. 26
T. 27 N R. 21 E
S W

Static water level 27 ft.*
Pumping water level 126 ft.*
at 60 gallons per minute,
measured 60 mins after pumping began.
*Measured from ground level.
Well developed by air lift
for 2½ hours. Pump
Power 230 V Pump 1 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Annular space around casing back filled with puddled clay to seall off surface contamination.

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

LIBERTY DRILLING COMPANY

Driller's Signature William E. Osborne

Driller's Address 8500 Reserve Street

Missoula, Montana 59801 LICENSE NO. 52

47459

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) Approx 3935'

From (Feet)	To (Feet)	
0	1	Topsoil.
1	29	Gravel imbedded in tan clay.
29	33½	Blue boulder.
33½	68	Tan clay, some gravel mixed in.
68	98	Red-tan clay and gravel.
98	146	Red-tan clay, some gravel.
146	168	Tan and gray rock, 3 GPM
168	181	Gray rock, 12 GPM
181	209	Light gray rock, 60 GPM Total.

209 ft. Show exact depth of bottom

Water rises in well 39 ft. to surface.

Fi[illegible]o..... GW 4 T 27 N R 21 W 26

County [illegible]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

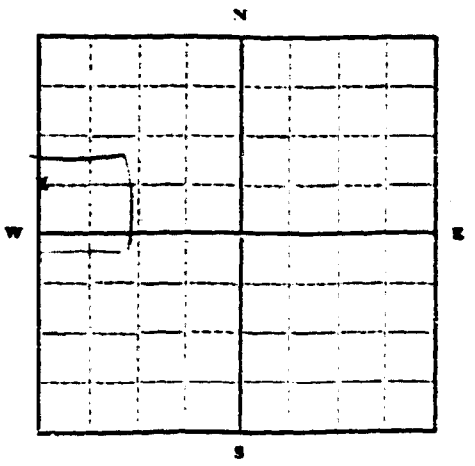
RECEIVED
JUL 8 - 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. HARRIET H. RALSTON of WEST SHORE FLATHEAD LAKE SOMERS
(Name of Appropriator) (Address) (Town)

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



NW ¼ Sec. 26 T. 27 R. 21
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based WATER Supply FOR 3 RESIDENTIAL UNITS PLUS IRRIGATION

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1,200 gal per Hour

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
Tract in ~~SW~~ Lot 4 T-27N R 26-27-21
Tract - Lot 4 T-27N 26-27-21

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELECTRIC PUMP
23 ft deep well

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

8. The depth of water table 3 ft to 12 ft water level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 23 feet deep, 3 ft Cement Casing (diameter)

10. The estimated amount of groundwater withdrawn each year for 3 housing units plus irrigation

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 Harriet H Ralston

Date 24 June 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.

9718

STATE OF MONTANA)
COUNTY OF FLATHEAD) ss

Filed on the 25 day of June
A. D. 1943 at 11:05 o'Clock a M
S E M.

County Clerk and Recorder

By L. L. L.

Deputy

Fi No.____ GW 4 f 27 N 21 E 26

County Teton

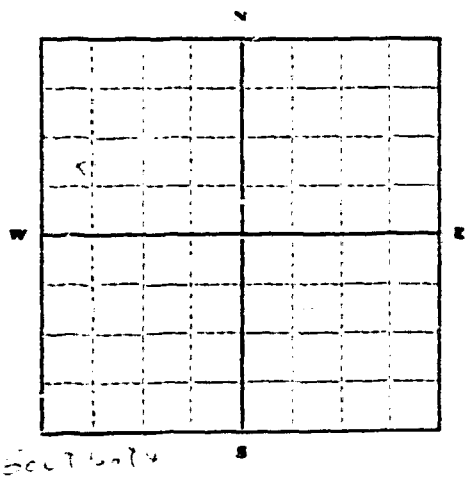
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 17 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, James Allen Eckrich of Box 13 Conrad
(Name of Appropriator) (Address) (Town)
County of Pondera State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW/4 NW/4 Sec 26 T 22 R 2 E

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

2. The beneficial use on which the claim is based Domestic use Groundwater & Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1964 - Last Year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 600 Gals per hour

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
Own

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1964

8. The depth of water table Appox 24'

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 & Casing

10. The estimated amount of groundwater withdrawn each year Data

11. The log of formations encountered in the drilling of each well if available Gravel & Clay
Clay top Soil

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 James A. Eckrich

Date Dec 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.

1-0,016

STATE OF UTAH }
COUNTY OF PLAIN FIELD } ss

Filed on the 16 day of Dec
A.D. 1963 at 2:55 o Clock P M
GC M

County Clerk and Recorder

By RH

Deputy

3 GW 2 Revised 1960
STATE PUBLISHING COMPANY

County FLATHEAD

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 TED A. AND KAREN A. ~~RICHARDSON~~

Address Box 53

SOMERS, MONTANA 59932

Date well started 10/18/72

completed 10/23/72

For Administrator's Use
File [illegible]
[illegible]
GW I [illegible]

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

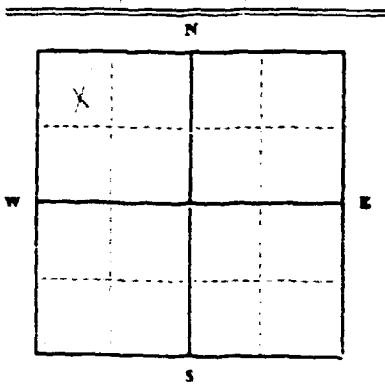
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 15,768,000 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 ¼ & 6 5/8"	+1½ 68	91' 267	¼ x 4"	247	267



NE ¼ NW ¼ Sec. 26
T. 27 N R. 21 E
XS W

Static water level 43 ft.*
Pumping water level 167 ft.*
at 30 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by AIR LIFT PUMP
for 3 hours.
Power DIESEL Pump 150 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
OTHER WELLS IN THIS AREA CAN BE DEPENDED UPON TO PRODUCE CLEAR SAND FREE WATER YEAR AS LONG AS THEY ARE NOT OVER

CONT'D

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

LIBERTY DRILLING Co.

Driller's Signature [signature]

Driller's Address ROUTE 2

KALISPELL, MONTANA LICENSE NO. 58

DRILLER'S LOG

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

Top of Ground APPROX. (Elev. above sea level) 2950

From (Feet)	To (Feet)	
0	1	BLACK DIRT
1	18	GRAVEL MIXED IN TAN SILT
18	41	TAN SILTY CLAY
41	91	BROKEN YELLOW ROCK
91	99	TAN ROCK
99	112	GRAY-BROWN ROCK
112	149	GRAY, TAN AND YELLOW ROCK IN THIN ALTERNATE LAYERS. SEEPS OF WATER.
149	247	GRAY ROCK. SOME WATER. APPROXIMATELY 7 GPM
247	267	BROKEN GRAY ROCK. WATER 30 GPM TOTAL

267 Show exact depth of bottom

WATER RISES IN WELL 43 FEET FROM SURFACE.

PUMPED I.E., THEY SHOULD BE PUMPED AT RATES NOT IN EXCESS OF 60 TO 70 PERCENT OF THE TESTED CAPACITY OF THE AQUIFER.

14676

STATE OF MONTANA } ss
COUNTY OF FLATHEAD }

Filed on the 7 day of March
A. D. 19 73 at 4:36 O'Clock PM

M T
County Clerk and Recorder

By _____
Deputy

File No. _____ GW 4 T _____ N R _____ W

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

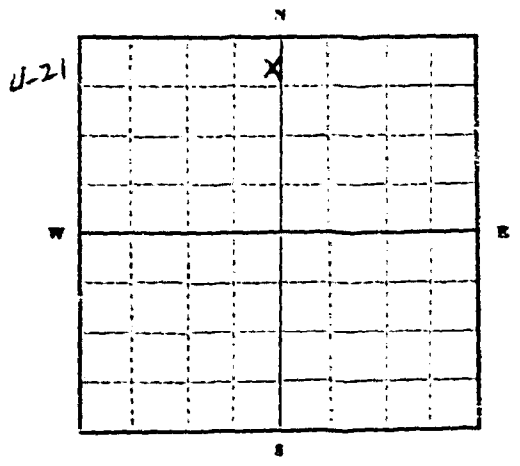
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. SAM A SATHER of Box 294 Somers
(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:



U-21

NE¼NW¼ Sec. 26 T 27N R 21W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug 3, 1941 Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4½ 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 used for Irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 7/6/41 & Completed 8/3/41

8. The depth of water table 17 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
Type - Hand dug
Size - 2 ft dia of Cement Tiling
depth - 37 ft.

10. The estimated amount of groundwater withdrawn each year 146,000 gals

11. The log of formations encountered in the drilling of each well if available
10 ft - gravel
24 ft - Clay
37 ft Solid 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 Not Applicable

Signature of Owner Sam A Sather

Date 12/27/63

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.

22864

10655

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—48557

File No._____

T 32N R 21W

TRIPLICATE

County [illegible]

LOG

Top of Ground

(Elev. above sea level_____)

0 - 28 Clay, Rock & Gravel

28 - 219 Rock

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

Owner Ernest Schoenberger Address Somers, Mt.

Driller Joe Johnson Drlg. Address Terry, Mt.

Date of Notice of appropriation of groundwater_____

Date well started 7/31/70 Date completed 8/1/70

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 ☐

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)
8"	6" D 18.97#	+1	27	N O	N B	

Doc. No. 14198
Filed for record
this 17 day of August
A. D. 19 70, at 10:00
o'clock A. M.

Static Water Level for non-flowing well 70 feet.

Shut-in Pressure for Flowing Well_____

Pumping Water Level 105 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well_____

How Tested Pumped

Length of Test 24 hrs.

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

(Continue on reverse side)

N / W / E / S

____ ¼ ____ Sec ____ T ____ R ____

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

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.

154
Driller's License Number

Driller's Signature.

14.198

19 Aug.
10 10-

Gen.
Sec

GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Flathead

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 Marion N. & Lorine R. Sukowski

Address P. O. Box 24
Somers, Montana

Date well started 2/28/72

completed 3/20/72

For Administrator's Use
File 14,444
June 14, 1972 3:59 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 ☒

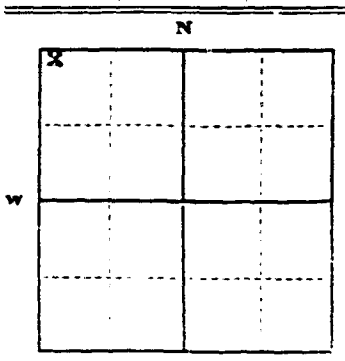
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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). Approximately Three Acres

ESTIMATED ANNUAL WITHDRAWAL 6,307,200 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
10"	0	0	36			
	8 5/8"					
	Ø ⅛"	+1½	35'7"			



T. 27 N R. 21 E W Sec. 26

Static water level 43 ft.*
Pumping water level 190 ft.*
at 12 gallons per minute,
measured 180 minutes after pumping began.
*Measured from ground level
Well developed by Diesel Pump
for Two hours.
Power Diesel Pump 150 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Entering well from cracks and seams in the rock between 196 feet and 254 feet.

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

Driller's Signature [signature]

Driller's Address 197 93 South
Kalispell, 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.

Top of Ground Approx (Elev. above sea level) 3025'

From (Feet)	To (Feet)	
0	3	Topsoil
3	31	Reddish tan & gray rock with stringers of red clay
31	49	Blue & gray rock
49	76	Green rock
76	88	Gray and green rock
88	90	Blue and gray rock
90	92	Tan and brown rock
92	138	Blue and gray rock
138	176	Grayish green rock
176	198	Tan, brown and green rock
198	212	Blue gray rock
212	316	Gray-green rock,
316	563	Blue-gray rock.

563'

Water rises in the well 43 feet Show exact depth of bottom from surface.

59,635

14 444

STATE OF MONTANA
COUNTY OF FLATHEAD } SS

Filed on the 14 day of June
A. D. 19 16 at 2:22 o'clock P M

[illegible]
County Clerk and Recorder

By [illegible]
Deputy

GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Flathead

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.

S. [illegible] and
Owner Ruby I. Lindsey

Address Box 92

Somers, Montana

Date well started 3/22/71

completed 3/26/71

For Administrator's Use
File 1431
August, 1971
11:50 AM
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 ☒

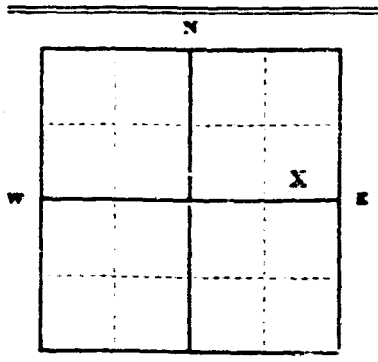
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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). Approximately 2 acres

ESTIMATED ANNUAL WITHDRAWAL 2,46[illegible],200 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
10"		0	20			
[illegible]"	[illegible]	[illegible]	156'2"			



T-11 [illegible] of Lot 2
SE ¼ NE ¼ Sec. 07
T. [illegible] N R. [illegible] E
S W

Static water level 64 ft.*
Pumping water level 156 ft.*
at 1[illegible] gallons per minute,
measured [illegible] minutes after pumping began. [illegible] hours
*Measured from ground level.
Well developed by air lift
for [illegible] hours.
Power [illegible] Pump 15[illegible] HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well through cracks and [illegible] in rock below 132 feet. Annulus [illegible] cmt.

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

Driller's Signature William E Calvin

Driller's Address [illegible] Montana

[illegible] LICENSE NO. 5[illegible]

DRILLER'S LOG

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

Top of Ground Approx. Elev. above sea level 3040±

From (Feet)	To (Feet)	
0	4	Tan clay with gravel mixed in
4	12	Fine sand and gravel
12	22	Gravel imbedded in tan clay
22	44	Red clay and gravel
44	133	Red clay
133	154	Tan clay
154	163	Tan, brown and gray rock in alternate layers
163	181	Light gray and dark gray rock
181	182	Broken gray rock
182	231	Dark gray rock
231	243	Light gray rock
243	264	Tan, brown and gray rock in alternate layers
264	263	Light gray rock.

263 ft. Show exact depth of bottom water rises in well 64 feet from surface.

48804

H 311

Filed on the 2 day of Aug.
A. D. 1971 at 11:50 o'Clock A M

County Clerk and Recorder

By

Deputy

between eight inch hole to be backfilled with
puddled clay and cuttings.
upon to produce clear sand f
they are not overcompacted, i.e
not in excess of 95 to

File No. ..... GW 4 T N R W

County .....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

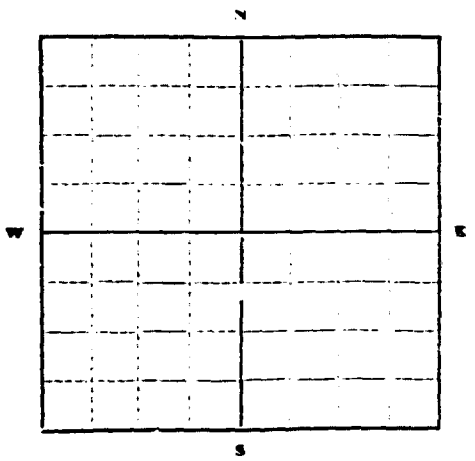
RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, ... of .....
(Name of Appropriator) (Address) (Town)

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



NW ¼ NE Sec 27 T 21 R 21

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 .....

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

4. The amount of groundwater claimed (in miner's inches or 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 .....

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

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

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

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

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

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

Signature of Owner John Lowe

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.

23045

File No.____ GW 4 T 27 N R 2 W 21

County____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

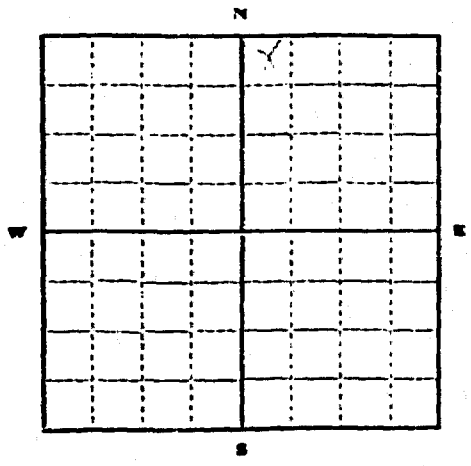
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I [illegible] of [illegible] (Name of Appropriator) (Address) (Town)

County of [illegible] State of [illegible]

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



NW¼ NE Sec 27 T 27 R 2 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 Irrigation use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1965

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 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 Irrigation

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

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

8. The depth of water table [illegible]

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 dug and 1 drilled

10. The estimated amount of groundwater withdrawn each year 400 000

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 John Lowe

Date Dec 30 1969

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.

23045

10872

Fi No..... GW 4 T 27 N R 21 W

County.....

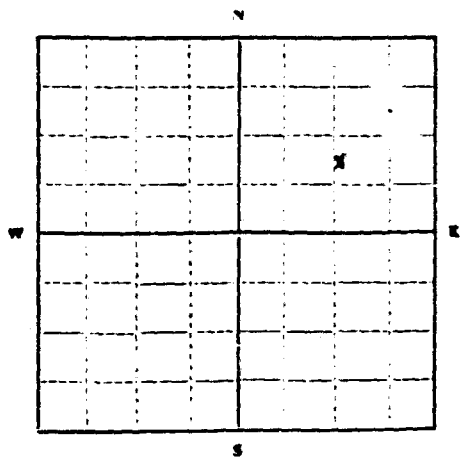
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Vernon D. Ebert (Name of Appropriator) of Box 97 (Address) Somers (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 ¼ NE Sec. 28 T 27 R 21

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: continuous since 1906

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 2 gals. per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: None used for irrigation

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: 1906

8. The depth of water table: 30 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: Drilled well with 5-inch casing, 247 feet deep

10. The estimated amount of groundwater withdrawn each year: 180,000 gallons

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

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

Signature of Owner: Vernon D Ebert

Date: December 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

22772

File No. ..... GW 2 T ..... R .....

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 Vernon L. Ebert Address Somers

Driller Homer McClarty Address 745 5th S.W. Kalispell

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

Date well started Apr 10/64 Date Completed May 9/64

Type of well drilled (dug, driven, bored or drilled) Equipment Used 22" Bucyrus Erie (Churn, drill, rotary or other)

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

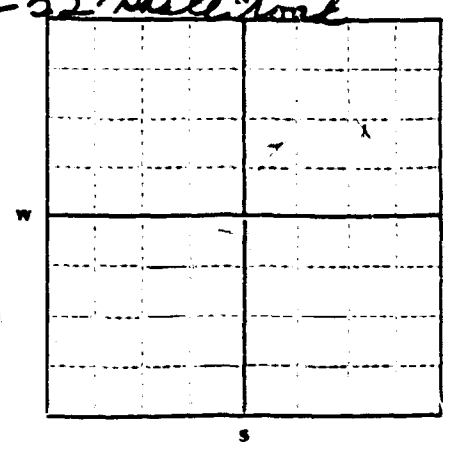
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Top of Ground

(Elev. above sea level 3980)

5 ft top
6 ft boulders large
35 ft smaller boulders
153 ft very hard to rock
170' hard pan to with cobbles
189' shale rock to
213' reddish brown clay with grit
238' Hard pan with cobbles
244' cemented gravel
253' shale rock
254 ft hard rock

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7 11/12	23#		150 ft			
5-11			141 ft			



SE¼NE Sec. 29 T 27 R 21

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 199 feet.

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

Pumping Water Level 65 feet at 5 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) .....

18
Driller's License Number

Homer McClarty
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.

36263

11421

File No. ..... GW ..... T ..... R .....

County .....

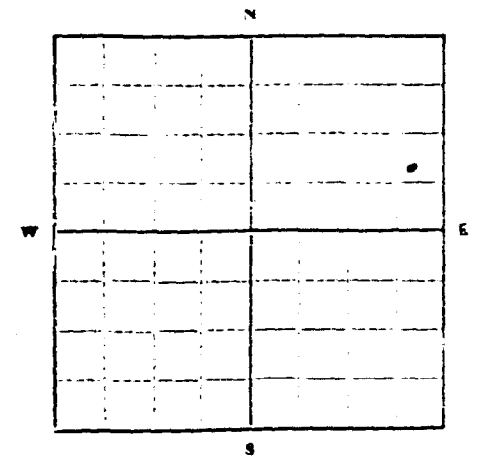
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, CHARLES BUNYEA of BIGFORK MONT
(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:



SW¼ Sec. 29 T. 27 R. 21

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1931

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 GAL PER MIN.

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

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 DO NOT KNOW

8. The depth of water table 15'

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 3" CASING

10. The estimated amount of groundwater withdrawn each year DO NOT KNOW

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 Charles Bunyea

Date 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.

22977

10806

31 1112 elic
03 a

GW 3

File No.....

ORIGINAL

T 27 N R 21 W MM

County FLATHEAD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 21 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1 August 1963

Owner Oliver F & Eunice A DOWD Address 1941 36th St Missoula, Mont

Contractor (if any) .....

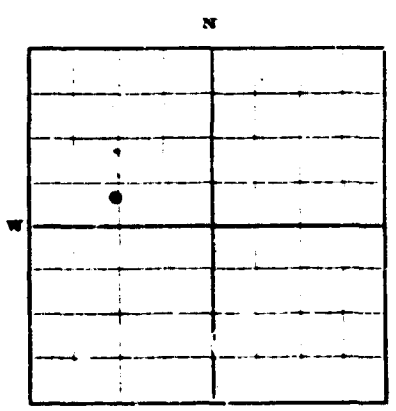
Address of Contractor .....

Date Started 1 July Date Completed 1 August 1963

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. A seeping spring was developed by digging sump to depth of six feet and placing three 30 inch cement tile in sump. The bottom tile is the type used in cesspools, perfprated so water can seep into inside. The top tile is above ground and banked up with dirt , this prevents ground or surg ve water from getting to the spring and contaminat ing the water as it is for domistic use. Elect. pump delivers water to desired area.

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 Am developing area for home and yard . The useage will ne for normal domestic use . One inch pipe under 60 pounds pressure.

Sect 34
T 27 R 21W MM



W½ NW ¼ Sec. 34 T. 27 R. 21

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

Signature of Owner Oliver F DOWD

Date 14 August 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.

9831

STATE OF MONTANA)
COUNTY OF FLATHEAD) ss

Filed on the 14 day of Aug
A. D. 1963 at 3:45 o'Clock P M

GEM

County Clerk and Recorder

By MJ

Deputy

GW 3

File No.....

ORIGINAL

T 27 N R 21 E

County Fergus

RECEIVED
DEC 17 1963
STATE ENGINEER

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)

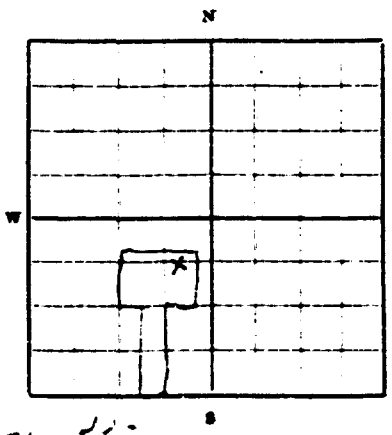
Date of Appropriation of Groundwater Dec. 12, 1963

Owner Willard G + Margaret M Jencks Address Lewis Mont.

Contractor (if any) .....

Address of Contractor .....

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



PART SE NW
SW ¼ Sec. 34 T. 27 R. 21

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

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use 4 inch flow - estimate

Signature of Owner W G Jencks

Date Dec 12, 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.

10002

STATE OF MARYLAND
COMPTROLLER'S OFFICE

Filed on the 13 day of Dec
A.D. 1963 at 9:00 o'Clock A M
Lib m

Deputy Comptroller and Secretary

By LOH

Deputy

24

GW 3

File No.....

ORIGINAL

T 27 N R 21 N

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 17 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

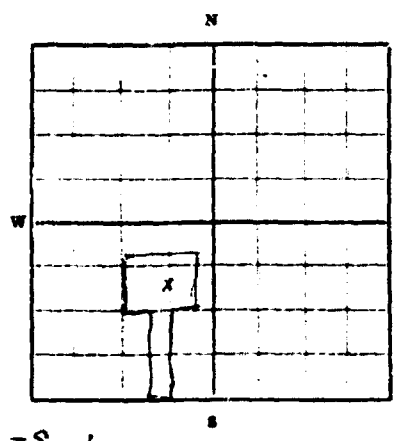
Date of Appropriation of Groundwater Dec 12, 1963

Owner Wilbert J. & Margaret K. Finckel Address Somers Mont.

Contractor (if any) .....

Address of Contractor .....

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



PART S ½ SW ¼ Sec. 34 T 27 R 21

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

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

Running Spring

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

2 inch flow - estimate

Signature of Owner W. J. Finckel

Date Dec 12, 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.

10001

STATE OF MARYLAND, ss
COUNTY OF MARYLAND

Filed on the 13 day of Dec
A.D. 1963 at 3 o'Clock P. M
9677

James Cook and Recorder

By [signature]

Deputy

GW 3

File No.....

ORIGINAL

T 27 N R 21 W

County Flathead

RECEIVED
DEC 17 1963
STATE ENGINEER

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 Dec. 12, 1963

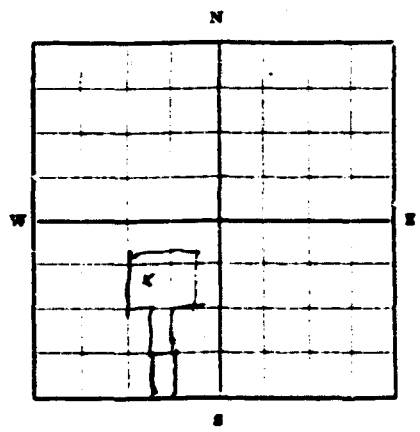
Willard D. Magnuson.
Owner Jencks Address Somers Mont.

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 Running Spring



PART S½ NE¼ SE¼ Sec. 34 T 27 R 21

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 4 inch line - estimate 1

Signature of Owner W D Jencks

Date Dec 12, 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.

10003

G

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No.

T. 27 N. R. 21 W.

DUPLICATE

County Flathead County
Somers Hatchery

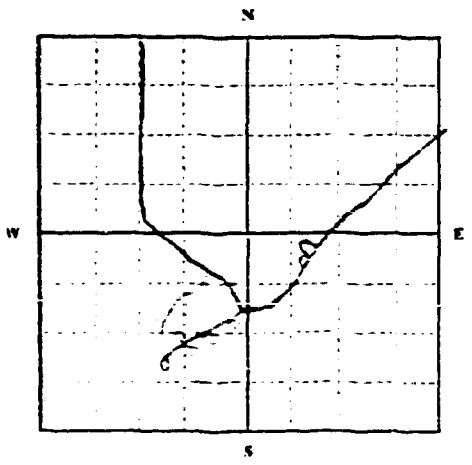
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Montana Fish & Game Commission (Name of Appropriator), of Helena (Address) (Town)
County of ..... State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec. 34 T. 27N R. 21W
NW¼SW¼ Sec. 35
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
Operation of Fish Hatchery

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 30, 1912 to date

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

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
Not Applicable

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1954 last work done

8. The depth of water table surface [illegible]

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
Pipeline 3" & 6" to 10" to 8" to 6" to 5" to 4" - - - 2 settling tanks - 1 - 18'x6'x6' 1 - 16'x16'x6' both connected in series and built of concrete

10. The estimated amount of groundwater withdrawn each year 80,589,600 gallons

11. The log of formations encountered in the drilling of each well if available none

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Deed Book 36 - P. 211, Flathead Co. Kalispell 100 inches, October 2, 1894. Book 36, P. 211, Flathead County, Kalispell, 30 inches water, February 23, 1897. Deeded 3 c.f.s. to State of Montana in 1912.

State of Montana
Fish and Game Dept
By John Lee

Signature of Owner

Date 12-20-63

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.

A 286

10,102

Form 3 GW 1 Revised 1969
STATE PUBLISHING COMPANY

County Flathead

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 W.R. Norvell
Eva Norvell

Address P.O. BOX 308
Lakeside, Montana

Date well started 1/24/73
completed 2/1/73

For Administrator's Use
File 14,634
MARCH 12, 1973
GW 1 1:25 p.m.

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

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

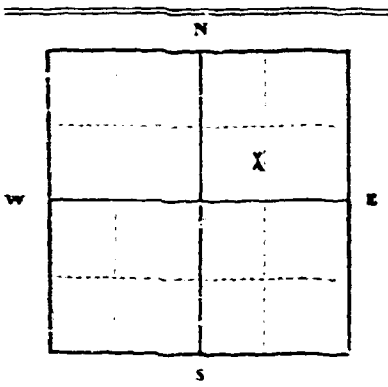
Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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). To irrigate Approx. 5 acres

ESTIMATED ANNUAL WITHDRAWAL 37,642,000 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 ¼" wall	0'	86'	NONE		
8"	6 5/8"OD x ¼" wall	+2'	254' 10"	NONE		



SW ¼ NE ¼ Sec. 34
T. 27 N R. 21 E W

Static water level 255' ft.*
Pumping water level 296 ft.*
at 50 gallons per minute,
measured 90 minutes after pumping began.
*Measured from ground level.
Well developed by air surge
for 5 hours.
Power Diesel Pump 150 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff Well is grouted between six and eight inch casing with eight sacks of cement. All water entering well through cracks and (CONT.)

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

Driller's Signature

Driller's Address LIBERTY DRILLING & PUMP CO.

KALISPELL, 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.

Top of Ground Approx (Elev. above sea level) 3125

From (Feet)	To (Feet)	
0	1	Dirt
1	8	Cobblestones mixed in tan silty clay
8	23	Boulders mixed in tan silty clay
23	67	Gravel embedded in brown cl
67	79	Gravel embedded in grey green clay.
79	90	Boulder
90	142	Gravel embedded in tan clay
142	374	Blue-grey rock
374	387	Blue-grey rock with seams of broken brown rock. Water.

387' Show exact depth of bottom

52, G 15

14,634

STATE OF [illegible] } ss
[illegible] } ss
Filed this 10 day of Mar
A.D. 1973 at 1:25 o'Clock P. M.
ML
County Clerk and Recorder
By [signature]
Deputy

seams in rock below 374'. Wells in this area can be depended upon to produce clear sand free water year after year, as long as they are not overpumped, i.e., they should bepumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.