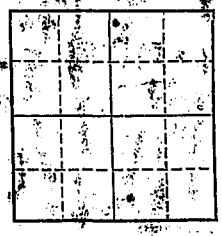
T. 20 R. 20 3

County LAKE

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 6 1961
STATE ENGINEER

WATER WELL LOG



Owner Morris & BERNEICE BILILE Address RONAN, MONT

Driller Address

Date Started APPROXIMATELY 1912 to 1923 Date Completed

Location: Sec. 3 T. 20 R. 20 ¼ sec. S W

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

Water use: Domestic [X] Municipal [ ] Stock [X] Irrigation [X]

Industrial [ ] Drainage [ ] Other:

Casing: ft. to 465 ft. Type iron Size 5"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations UNKNOWN

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

Shut-in pressure, for flowing well: SEVEN lb./sq. in. on: 4 DEC. 1961 (date)

Pumping water level FLOWING feet at 20 gal. per min.

How tested: PRESSURE GAUGE

Length of test FIVE MINUTES

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

(over)

K-49

152631

Water Well Log
Morrison Benecke
Bible
to
The Public

STATE OF MONTANA }
County of Lake, } ss.
Filed on the 4th day of Dec
A. D. 19 61 at 11:17 o'clock A M
HAZEL KINNICK
County Clerk and Recorder
By M Knauss
Deputy

10

GV

File No.....

T. 20 R. 20

DUPLICATE

County Lake

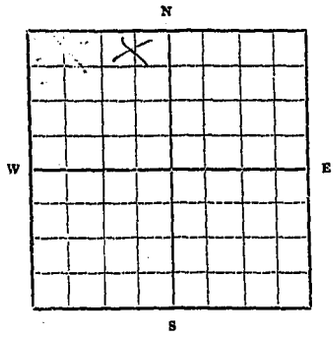
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 27 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NE4 N½NW¼ Sec. 4 T. 20 R. 20

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

2. The beneficial use on which the claim is based domestic for approximately 100 families

3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 1956, daily subsequent thereto

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 450 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 no irrigation

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

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

8. The depth of water table 355 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 Number 9, 6 inch casing, artesian well, supplying approximately 120 miners inches.

10. The estimated amount of groundwater withdrawn each year 450 gallon per minute or 40 miners inches.

11. The log of formations encountered in the drilling of each well if available is filed Note: Well was drilled and water right filed by Marie H. Peschel, former owner of said realty, and an interest in said well and right to use up to 450 gallon per minute therefrom, was sold and conveyed by her to Round Butte Water Company which hereby files this declaration.

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

ROUND BUTTE WATER COMPANY

Signature of Owner [signature]
By President

Date July 26, 1962

Attest: [signature]
Secretary

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.

1882.

R-111 155998

Water Well Log

Round Butte Water Co.

to

The Public

STATE OF MONTANA
County of Lake, ss
Filed on the 25 day of July
A. D. 1962 at 11:45 o'clock A M
HAZEL KINNICK
County Clerk and Recorder
By A Johnson
Deputy

2.00

20 N 20W 5

Approved Stock Form—State Publishing Co., Helena, Montana—40876

File No.....

T. 5 R. 20-20

DUPLICATE

County LAKE, Co.

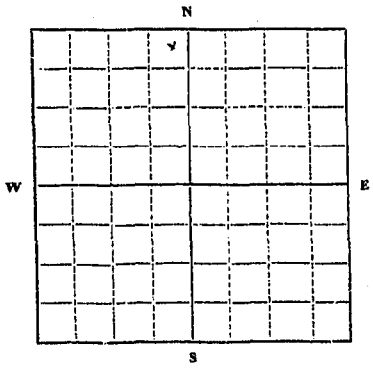
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 21 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. OTTILIE FREIBURGER, of RONAN
(Name of Appropriator) (Address) (Town)
County of LAKE Co. State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



LOT-3 SE¼NW¼ Sec..... T. 5 R. 20-20

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 10 - 1931
EVER SINCE

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 GAL. 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
NO.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 10-10-1931 to 10-20-1931

8. The depth of water table 14 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
PLANK - 3X3 ft. - 16 ft.

10. The estimated amount of groundwater withdrawn each year 90.000

11. The log of formations encountered in the drilling of each well if available BLACK-SOIL FOR 2 ft
CLAY for 8 ft and 2 ft. SAND AND THEN GRAVEL + 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 Ottilie Freiburger
Date 10-10-63

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.

6500.

R-257

161473

Water Report

Ottilie Freiburger

to

The Public

STATE OF MONTANA } ss
County of Lake,
Filed on the 10 day of October
A. D. 1963 at 2:25 o'clock P M
HAZEL KINNICK
County Clerk and Recorder
By W. Kraus Deputy

$2.00

Approved Stock Form—State Publishing Co., Helena, Montana—40876

File No. ____

DUPLICATE

Flowing Well

T. 20 N R. 20 W

County Lake

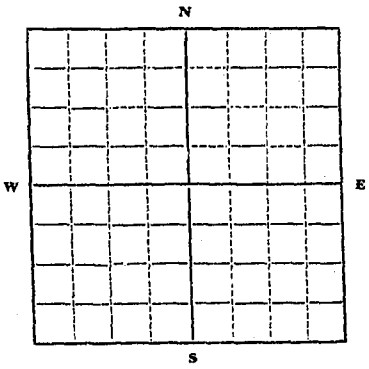
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SE ¼SE¼ Sec. 5 T. 20 R. 20

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

2. The beneficial use on which the claim is based: Stock and domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: January 10, 1960 - continuous since that date

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 800 gallon 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 used for irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Began December 17, 1959 - finished January 10, 1960

8. The depth of water table: Artesian well

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Artesian well - depth 361 feet

10. The estimated amount of groundwater withdrawn each year: 800 gallon perminute

11. The log of formations encountered in the drilling of each well if available: A log for this well has been heretofore filed and recorded.

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: Well drilled by Glenn Camp, 705 Alder Street, Missoula, Montana - Driller's Registration No. 215

Signature of Owner: Fred A. Hughes

Date: December 9, 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.

13464

R 450

162727

Fred A Hughes

to

The Public

STATE OF MONTANA
County of Lake,
Filed on the 23 day of Dec
A. D. 196 3 at 4:20 o'clock P M
HAZEL KINNICK
County Clerk and Recorder
By E Cowman
Deputy

202

T. 20N R. 20W 5

County Lake

RECEIVED
MAR 3 1960
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Fred Hughes Address: Ronan, Montana

Driller: Glenn Camp Address: 705 Alder, Missoula

Date Started: Dec 17, 1959 Date Completed: Jan. 10, 1960

Location: Sec. 5 T. 20 R. 20 ¼ sec. SE¼SE¼

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

Water use: Domestic [*] Municipal [ ] Stock [*] Irrigation [ ]

Industrial [ ] Drainage [ ] Other:

Casing: # 1' above ground level ft. to 361' ft. Type 19 lbs to foot Size 6" I.D.

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: feet.

Shut-in pressure, for flowing well: 40 lbs lb./sq. in. on: Feb 22, 1960 (date)

Pumping water level feet at gal. per min.

How tested:

Length of test

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

Flowing 800 gal. per minute with a shut in pressure of 40 lbs. Controlled with a 6" gate valve at top. Casing cemented in by Hallihurton Cementing Co.

(over)

Log of Well

Depth, feet From	To	Description of Material Drilled
0	2	top soil
2	10	clay and gravel
10	20	silty clay
20	37	clay and gravel
37	50	sandy clay
50	60	clay and gravel
60	68	sand
68	120	clay
120	138	silty sand
138	147	gravel
147	163	clay and gravel
163	167	clay and sand
167	194	clay and gravel
194	202	silty clay
202	248	clay
248	255	silty clay
255	305	sand, gravel and clay
305	348	clay and gravel
348	357	clay
357	365	blue-green clay. Water at 365', sand and gravel
		cement from 361 to 365 feet. Drilled through cement.

R-15 #144398

STATE OF MONTANA }
County of Lake, } ss.
Filed on the 1 day of Mar
A. D. 1960 at 2:55 o'clock PM
HAZEL KINNICK
County Clerk and Recorder
By E. [illegible]
Deputy

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No.

T. 20 N R. 20 W

DUPLICATE

County Lake

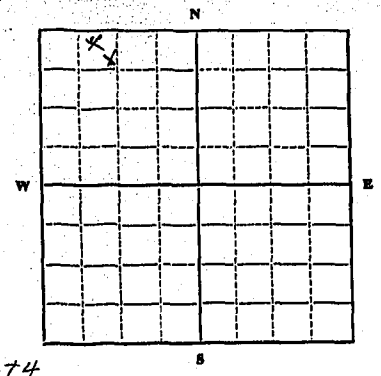
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 19 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. A. J. & Gertrude Reinlasoder, of Star Route, Box 12 Ronan
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2074
SW¼NW¼ Sec 5 T20 R 20

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

2. The beneficial use on which the claim is based. Livestock and residental & garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. House well July 1942 Steady Stock well Dec 1936 continues use.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 5 to July 30th House well. Stock well Dec 1 to Dec 10.

8. The depth of water table house well 30 ft., Stock well 11ft.

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 house well hand dug, size 30 inch diameter ~~Stock well~~ 30 feet deep. Stock well, hand dug, size 3 ft by 3ft.

10. The estimated amount of groundwater withdrawn each year House well 80,000 gal. Total 226,000 Stock well 146,000 gal. → Gallons

11. The log of formations encountered in the drilling of each well if available. House well, 1ft black soil 9 ft of clay, 12 ft of sand, 8 ft of clay. Stock well 1 ft of black soil, 10 ft of 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 A. J. Reinlasoder Gertrude Reinlasoder

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.

7204

R287

16 1953

Well Report
of Gertrude Lenlassder
to
The Public

STATE OF MONTANA
County of Lake,
Filed on the 14 day of Nov
A. D. 1963 at 2:15 o'clock P M
HAZEL KINNICK
County Clerk and Recorder
By Eg Cowmen
Deputy

Fee 00

Water Rights

Approved Stock Form—State Publishing Co., Helena, Montana—39089

File No. ..... T 2 S R 20 W

DUPLICATE

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater: January 15 1963

Owner Kenneth R. + Bernice Boyd Address .....

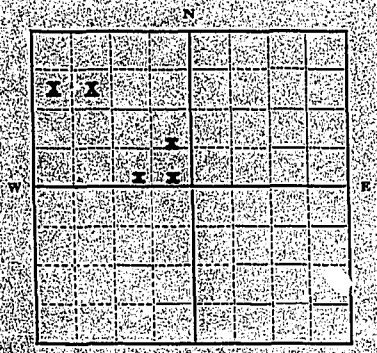
Contractor (if any) .....

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.

5 Springs



NW ¼ Sec. 4 T 2 S R 20 E

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. January to Decemb

Stock water and also used in summer May to Sept.

for Irrigation approximatly One Half Acre Foot

Signature of Owner Kenneth R + Bernice Boyd

Date January 15 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.

35

R141

158367

Water Report

Kenneth H. & Bernice Byrd

to

The Public

STATE OF MONTANA } ss.
County of Lake.

Filed on the 5 day of Feb
A.D. 1963 at 4:00 o'clock P.M

HAZEL KINNICK
County Clerk and Recorder

By: S. Lowman
Deputy

2.00

GW

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

File No.....

DUPLICATE

T. 20 R. 20

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 23 1962
STATE ENGINEER

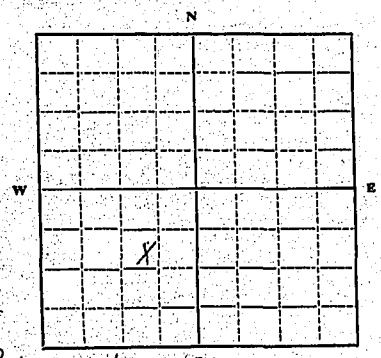
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul Guengler ..... of Ronan Mont
(Name of Appropriator) (Address) (Town)

County of Lake State of Montana

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



Lot 6, NE¼ SW¼

.....¼..... Sec. 6 T. 20 R. 20

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Continuous since 1910

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
electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
dug in 1910

8. The depth of water table 8 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
16 ft deep

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

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

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 Paul Guengler

Date April 17, 1962

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

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

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

465

R83

B 4679

Paul Guenzler

STATE OF MONTANA }ss
County of Lake,
Filed on the 19 day of Apr
A. D. 1962 at 3:32 o'clock P M
HAZEL KINNICK
County Clerk and Recorder
By E. Coleman Deputy

GW

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

File No.

Location per entry No 256

T 20 R 20

DUPLICATE

County Lake

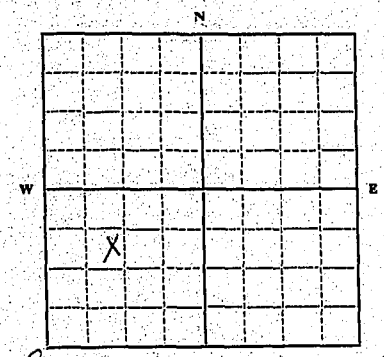
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 23 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



Lot 6, NE¼, SE¼
¼ Sec. 6 T 20 R 20

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

2. The beneficial use on which the claim is based

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
dug 1940

8. The depth of water table 30 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
38 ft deep

10. The estimated amount of groundwater withdrawn each year

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

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 Paul Guengler

Date April 17, 1962

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

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

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

466

B 8-20

75467

Paul Guenzler

STATE OF MONTANA
County of Lake, ss
Filed on the 19 day of Apr
A. D. 1962 at 3:30 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By C. Cousman
Deputy

GW3

File No.

DUPLICATE

T 20 R 20

County

RECEIVED
APR 23 1962
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 April 17, 1962

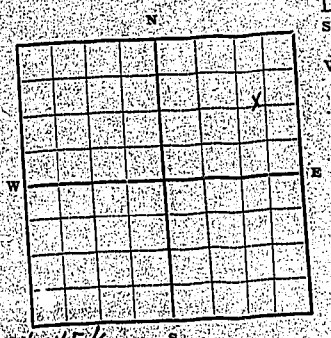
Owner Paul Guengler Address Roan, Mont.

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. Natural spring



Lot 1 SE 1/4 NE 1/4 1/4 Sec. 6 T. 20 R. 20

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

used constantly for stock use since 1910

Signature of Owner Paul Guengler

Date April 17, 1962

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.

467

Est. 154677

Bud Kuenzli

STATE OF MONTANA
County of Lake, } ss.
Filed on the 19 day of Apr.
A. D. 1962 at 3:30 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By G. Ellingson
Deputy

Approved Stock Form—State Publishing Co., Helena, Montana—4192

File No.

DUPLICATE

T. 20N R. 20W

County Lake

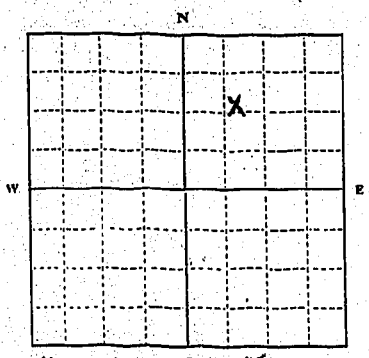
RECEIVED DEC 6 1963 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. George Colley (Name of Appropriator), of Rt 2 (Address) Ronan (Town)
County of LAKE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE¼ NW¼ NE¼
¼ Sec. 7 T. 20N R. 20W

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 One for domestic, One for irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Domestic well date unknown at least 20 yrs. irrigation well 2 yrs.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 850 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
N½NE¼, SE¼NE¼, SE¼NW¼, SW¼NE¼ 7-20-20
SW¼NW¼ 8-20-20
S½SE¼ 6-20-20 (320 Acres)
George Colley

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal one small electric motor, & one diesel motor. location as marked

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Domestic Well unknown irrigation well 5/1/61 - 5/10/61

8. The depth of water table Domestic well 3 ft irrigation Well 10 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 Domestic Well dug 3½ ft casing 40 ft deep. irrigation well dug 4 ft Casing 25 ft deep.

10. The estimated amount of groundwater withdrawn each year 65 500 000

11. The log of formations encountered in the drilling of each well if available. Domestic unknown irrigation 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 irrigation partly fed by springs

Signature of Owner George Colley

Date 11/29/63

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.

7896

R. 307 162268

George Colley

to

The Public

STATE OF MONTANA }ss.
County of Lake,
Filed on the 2 day of December
A. D. 19 63 at 11:30 o'clock A M
HAZEL KINNICK
County Clerk and Recorder
By Mae Johnson Deputy

R-307

Approved Stock Form—State Publishing Co., Helena, Montana—41338

File No.

DUPLICATE

T. 20 N. R. 20 W.

County Lake

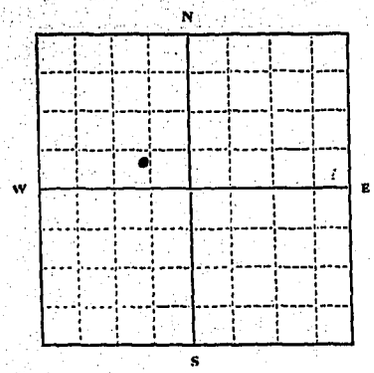
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. R. E. Stewart (Name of Appropriator), of Rt. 2 (Address) Ronan (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE¼ NW Sec. 7 T 20 R 20

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

2. The beneficial use on which the claim is based
stock & home use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 25, 1953
every since finished

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 800,000

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 25, 1953

8. The depth of water table 9 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 hand dug, 28 in wide
28 ft. deep

10. The estimated amount of groundwater withdrawn each year 800,000

11. The log of formations encountered in the drilling of each well if available 7 feet sand
21 ft of clay mixed with small gravel

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

Signature of Owner R. E. Stewart

Date Dec 20, 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.

12185

R-405 162638

Water Report

R. E. Stewart

to

The Public

STATE OF MONTANA
County of Lake. } ss.
Filed on the 20 day of Dec
A. D. 1963 at 11:47 o'clock 9 M
HAZEL KINNICK
County Clerk and Recorder
By E Cowman
Deputy

200

GW

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

File No. .....

T. 20 N R. 20 E

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

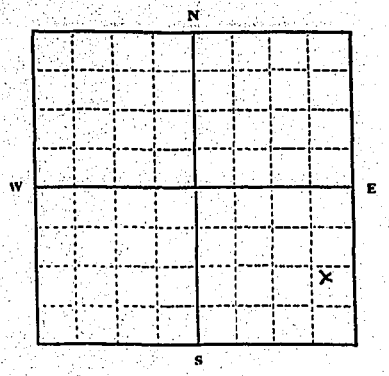
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Charles R. & Esther M. Bauer (Name of Appropriator), of R.T. 2 (Address) Ronan (Town)

County of Lake State of Montana

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



SE¼ SE¼ Sec. 10 T. 20 R. 20

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

2. The beneficial use on which the claim is based Household Stock water & water for yard & garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been This well has been used steadily since 1925 - I traced it back that far

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 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 Yard & garden Lee Butcher Eugene Pindalue

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater as near as I can find out this well was dug in 1925

8. The depth of water table 16 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 3' X 3' X 16' deep

10. The estimated amount of groundwater withdrawn each year 100 000 gal per year

11. The log of formations encountered in the drilling of each well if available a foot of top soil then 4" of clay hard pan then quick sand to 16 ft. then 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 second County road south of Ronan then one mile west of Hiway 93

Signature of Owner Charles R. Bauer
Esther M. Bauer

Date 12-26-63

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

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

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

14885

R-479

162767

Patent Record

Charles R. & Esther M. Bauer

to

The Public

STATE OF MONTANA
County of Lake
Filed on the 26 day of Dec
A. D. 1963 at 1:46 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By E. Cawrse
Deputy

$2.00

Probably County #R52 or 53

RECEIVED NOV 1 1962

T. 20 R. 20 10/

County Lake County

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

RECEIVED DEC 28 1961

STATE ENGINEER

WATER WELL LOG

Owner Dick Dresen Address #1528 Pablo Mont.

Driller ..... Address .....

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

Location: Sec. 10 T. 20 R. 20 ¼ sec. W½ NW¼

Type of well Dug (Dug, driven, bored, or drilled) Equipment used Shovel pick & Bar (Churn drill, rotary, other)

Water use: Domestic [X] Municipal [ ] Stock [X] Irrigation [ ]

Industrial [ ] Drainage [ ] Other: .....

Casing: ..... ft. to ..... ft. Type ..... Size .....

Casing: ..... ft. to ..... ft. Type ..... Size .....

Casing: ..... ft. to ..... ft. Type ..... Size .....

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

Type of screen or perforations .....

Static Water level, for non-flowing well: 7 feet. feet.

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

Pumping water level 7 feet feet at 9 50 gal. per min.

How tested: rain stock tank over for 8 hrs.

Length of test 8 hrs.

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

Jacket valves. and lead out pipe

(over)

R-52

152893

Water Well Log

Richard Olresen

to

The Public

STATE OF MONTANA } ss
County of Lake,
Filed on the 2 day of Dec
A. D. 1961 at 12:00 M
HAZEL KINNICK
County Clerk and Recorder
By Roberta Moree
Deputy

In reply to your letter of October 25 we are returning two well forms for Dick Dresen. One of them seems to have the correct description of location as you report in your letter. Neither of them have your filling record, so it may be well for you to place it on them, as well as anything else which might possibly be omitted from these copies and return them to us.

LAKE COUNTY, MONTANA

October 29, 1962

POLSON, MONTANA

Mrs. Hazel Kinnick
Clerk and Recorder
Polson, Montana

Dear Mrs. Kinnick:

In reply to your letter of October 25 we are returning two well forms for Dick Dresen. One of them seems to have the correct description of location as you report in your letter. Neither of them have your filing record, so it may be well for you to place it on them, as well as anything else which might possibly be omitted from these copies, and return them to us.

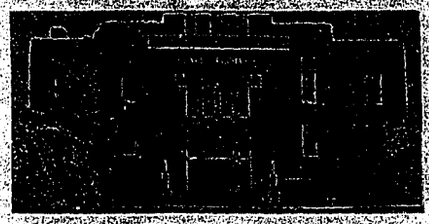
Very truly yours,

FRED E. BUCK
STATE ENGINEER

By: C. S. Heidel
Deputy State Engineer

CSH:ba

LAKE COUNTY, MONTANA



POLSON, MONTANA

October 25, 1962

RECEIVED
OCT 26 1962
STATE ENGINEER

State Engineer
Helena, Montana

Gentlemen:

Please refer to our filing of a water well log in the name of Dick Dresen, Pablo, Montana, filed in this office Dec. 22, 1961.

On this filing description appears as "W½NW¼ Sec. 10, T20N., R20W."

The filing should have read "W½NE¼, Sec. 10, T20N., R20W."

Can you make the necessary correction on your copy or will Mr. Dresen have to file an amended report. Please advise.

Yours very truly,

Hazel Kinnick
Clerk and Recorder

T. 20 N. R. 1 E.

County Lake

Recd Dec 26, 61
State Engr

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Dick Dresser Address: 4528 Polson Mont

Driller: Address:

Date Started: Date Completed:

Location: Sec. 1 T. 20 R. 20 Quarter: NE¼

Type of well: Dug Depth: Water found at 6 ft.
(Dug, drilled, bored, or driven) (Gravel, rock, sand, other)

Water use: Domestic [X] Municipal [ ] Stock [X] Irrigation [ ]
Industrial [ ] Drainage [ ] Other:

Casing: ft. to ft. Type Size

Casing: ft. to

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: 7 feet feet.

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

Pumping water level: feet after hrs. gal. per min.

How tested: real stock tank over for 6 hrs

Length of test: 6 hrs

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

Just valves and bad out pipe

(over)

T. 21 R. 19

County Lake County

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG

Owner: Dick [redacted] Address: 1528 Pablo

Driller: [redacted]

Date Started: [redacted] Completed: [redacted]

Location: Sec. 5 T. 21 R. 19

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

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: ft. to ft. Type: [illegible] Size: 4"

Casing: ft. to ft. Type: Size:

Casing: Well was drilled before

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

Type of screen or perforations: Longest Place

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

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

Pumping water level: feet at gal. per min.

How tested:

Length of test:

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

(over)

20N 20W 10

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 29 1971

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 Dick Drosen

Address

Ronan, Mont.

Date well started 26 AUG.

completed 20 SEPT.

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 ☐

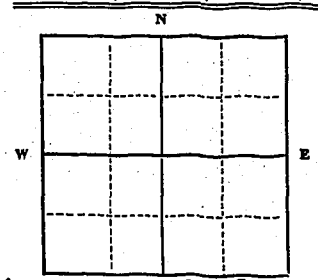
*Describe

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 5,000,000 gals.

For Administrator's Use
File 200284
September 28, '71
11:40 Am
GW 1

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6 5/8 19#	18" above ground	418'	XXXXX	XXXXX	XXXXX



in NE cor s E of RR

W ¼ NE ¼ Sec. 10
T. 20 N R. 20 W

Static water level Flow ft.*
Pumping water level 00 ft.*
at 30 gallons per minute,
measured 240 minutes after pumping began.
*Measured from ground level.
Well developed by bailer, pump
for 96 hours.
Power gas Pump 3 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 George O Beche

Driller's Address Box 47

Ravalli Mont. LICENSE NO. 204

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	2	Topsoil
2	5	tan clay
5	59	silty sand (tan)
59	78	silty tan clay some fine gravel
78	81	broken rock, gravel & sand
81	173	tan clay gravel streaks
173	198	Tan clay
198	267	gravel streaks in tan clay
267	306	hard rubbery tan clay
306	389	gravel streaks in tan clay
389	414	fine gravel mixed in light tan clay
414	415	gray green clay
415	418	gray clay, gravel
418	419	gray & green gravel
419	420	hard gray clay & gravel

420 Show exact depth of bottom

49158

R-1293

200284

DICK DRESEN

TO

THE PUBLIC

WELL REPORT

STATE OF MONTANA
COUNTY OF LAKE

Filed on the 28th day
of Sept. A.D. 1971
at 11:40 o'clock A.M.
ETHEL M. HARDING
County Clerk and
Recorder
By Jewell Beitz
Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—4087

File No. _____ T. 20 N. R. 20 W.

DUPLICATE

County Lake

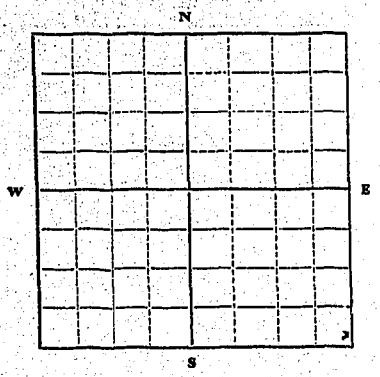
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 19 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. HARVEY ANDERSEN (Name of Appropriator), of R. 2 (Address) RONAN (Town)
County of LAKE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE¼SE¼ Sec. 11 T. 20 R. 20

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

2. The beneficial use on which the claim is based: household and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1928

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 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: none

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1928

8. The depth of water table: 10 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, 18 ft. deep

10. The estimated amount of groundwater withdrawn each year: 109,500 gal.

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

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

Signature of Owner: Harvey Andersen

Date: Dec. 16, 1963

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

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

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

R-371

162555

Water Report

Harvey Anderson

to

The Public

STATE OF MONTANA }
County of Lake, } ss.
Filed on the 16 day of December
A. D. 1963 at 1:25 o'clock P M
HAZEL KINNICK
County Clerk and Recorder
By M. Kraus
Deputy

$2.00

20-N-20W 11

3-GW-2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUN 26 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Lake

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 Henry Padilla

Address Ronan, Montana

For Administrator's Use
File 210379;
1480; June 25 1973
GW 1 2:15 p.m.

Date well started June 2, 1973

completed June 8, 1973

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

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

Water Use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐

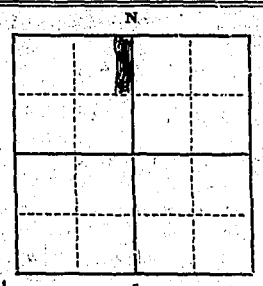
Industrial ☐ Drainage ☐ Other ☑* Garden/Lawn ☐

*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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 "ID	6"ID 17 lb per ft. g.i.	1' above	395			



Static water level ground level
Pumping water level 50 ft.*
at 75 gallons per minute,
measured 1 minutes after pumping began.
*Measured from ground level.
Well developed by Air compressor
for 3 hours.
Power Does not Pump apply HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

E½E½
N.E. ¼ N.W. ¼ Sec. 11
T. 20 N R. 20 E/W

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

Driller's Signature Neil Badke
CAMP WELL DRILLING & PUMP SUPPLY
Driller's Address 1572 S. 14th W. Missoula, Montana 59801

LICENSE NO. 7

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	1	Dark Brown Clay
1	7	Light Sandy Clay
7	55	Sandy Clay
55	83	Sandy Clay & Gravel
83	90	Sand (water)
90	248	Clay and Gravel
248	355	Sandy Clay & Gravel
355	368	Sand
368	374	Boulders & Clay
374	388	Yellow Clay & Gravels
388	390	Blue Clay
390	394	Sand & Gravels & Water
394	395	Gravel & Water

395' Show exact depth of bottom

53,876

#21,037.9

R- 1480

HENRY PADILLA

TO

THE PUBLIC

WELL REPORT

STATE OF MONTANA
County of Lake

Filed on the 25 day of June
A. D. 19 73 at 2:15 o'clock P M
ETHEL M. HARDING
County Clerk and Recorder
By Juwel Beck
Deputy

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
MAR 6 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

20N-20W-11

County Lake

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 Tatke~~ Toelke
& Donna Jean Toelke

Address Box 714

Ronan, Montana

Date well started April 17, 1971

completed April 28, 1971

For Administrator's Use
File R-1326, 202536
March 2, 1972 4:25 p.m.
GW 1

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

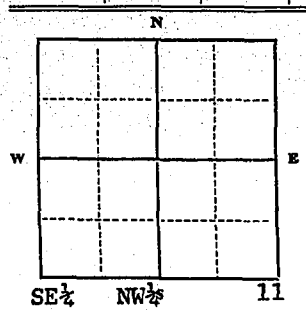
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D.	6" I.D. 17 lb per ft.	1½' above g.l.	398½'		none	



SE¼ NW¼ 11

¼ ¼ Sec.

T. 20 [✓ N] S R. 20 E [✓ W]

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

Static water level flows 40 gpm ft.*

Pumping water level -- ft.*

at 150 gallons per minute, measured -- minutes after pumping began.

*Measured from ground level.

Well developed by compressor for 2 hours.

Power Does not pump apply HP

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

XXXXXXXXXXXXXXXXXXXXXXXXgpm

Well flows @ 40 gpm

R.J.D.

Driller's Signature Glenn Craig

Driller's Address Camp Well Drilling & Pump Supply
1522 S. 14th W., Missoula, Montana

LICENSE NO. 7

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	4	Black Topsoil
4	31	Tan Clay
31	64	Tan clay & gravel
64	76	Sand and silt
76	394	Tan clay & gravel
394	395	Gray clay & gravel
395	398½	Gravel & water

398½' Show exact depth of bottom

49,988

202536

R-1326

ROBERT TOELKE &
DONNA JEAN TOELKE

TO

THE PUBLIC

WELL REPORT

STATE OF MONTANA, County of Marsh

Filed on the 2 day of 72 at 4:25 o'clock P.M.

ETHEL M. HARDING
Clerk and Recorder

Deputy

GW-2 Revised 1969
13—3M—10/69

RECEIVED
JUN 12 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

20N-20W 12/
County LAKE

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 TOM BAKER

Address RONAN, MT 59864

Date well started AUG 4 72

completed SEPT 25 72

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

Equipment used CABLE TOOL (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 1,000,000

For Administrator's Use
File 210087, R1467
June 11, 1973
GW 1 11:10 A.m.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" 10# 17.2#	+18"	357'	none		

N
W E
S

Static water level 2' 2" ft.*
Pumping water level 18' 2" ft.*
at 10 gallons per minute,
measured 420 minutes after pumping began.
*Measured from ground level.
Well developed by BAILER
for 4 hours.
Power ELEC Pump 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

NW ¼ SW ¼ Sec. 12
T. 20 N R. 20 W

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

Driller's Signature Harry E Johnson

Driller's Address Box 36 PABLO MT 59855

LICENSE NO. 22

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	15	TAN SILT
15	60	SOFT CLAY
60	72	CLAY & ROCK
72	84	COBBLES SANDY GRAVEL
84	135	CLAY & ROCK
135	153	TAN CLAY w/ RED ROCKS
153	170	QUICK SAND
170	175	SANDY CLAY & ROCKS
175	206	CLAY ROCKS & LAYERS OF SAND
206	207	LARGE COBBLES
207	218	LAYERS CLAY & SAND
218	221	RUBBERY CLAY
221	237	CLAY & GRAVEL
237	247	CLAY & SAND & COBBLE
247	250	CLAY & GRAVEL
250	260	SOFT CLAY
260	277	HARD CLAY & ROCK
277	282	SAND
282	309	CLAY & GRAVEL
309	315	STICKEY CLAY
315	329	HARD SAND & GRAVEL
329	340	COLD CLAY & SAND
340	357	SAND & GRAVEL

357' Show exact depth of bottom

53,464

STATE OF MONTANA

DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

MONTANA WATER COURT

210087

Jam Bauer

to

The Public

Fewell Report

R-1467

STATE OF MONTANA
County of Lake

Filed on the 11 day of June
A. D. 19 93 at 11:10 o'clock A. M.
ETHEL M. HARDING
County Clerk and Recorder
by Margaret Bringeman
Deputy

GW

File No. .....

DUPLICATE

T 20N R 20W

County Lake

12

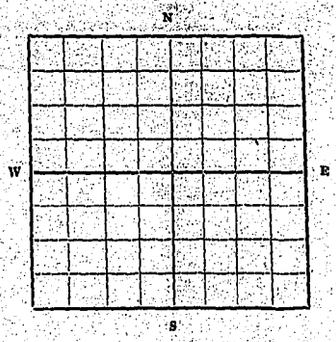
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 8 - 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



¼ Sec. 12 T ... R ...

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

2. The beneficial use on which the claim is based domestic use and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1956, continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 1 acre plus; part of NW¼NW¼ & NE¼NW¼ Sec. 12, T. 20 N. R. 20 W. MM: Beg. at NE cor. of NWNW Th. W. 77 ft., th. S 130 ft., th. E. 386 ft., th. N 130 ft th. W. 309 ft. to pt of beg.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater began fall 1955, completed June 1956

8. The depth of water table Well 195 ft deep, water flows from well

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 inch casing

10. The estimated amount of groundwater withdrawn each year up to 720,000 gal.

11. The log of formations encountered in the drilling of each well if available Lake Carington, driller, do not know if log was filed. Add. Gr. Falls Montana

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 Carrie E. Mendenhall

Date June 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 School of Mines and Quadruplicate for the Appropriator.

4932.

R199

160280

Water Report

Carrie E. Mendenhall

to

The Public

STATE OF MONTANA
County of Lake.
Filed on the 3 day of July
A. D. 1963 at 10:00 o'clock A M
HAZEL KINNICK
County Clerk and Recorder
By E. Coverman Deputy
200

Approved Stock Form—State Publishing Co., Helena, Montana—1938

File No. _____ T. 20 N. R. 20 E.

DUPLICATE County LAKE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

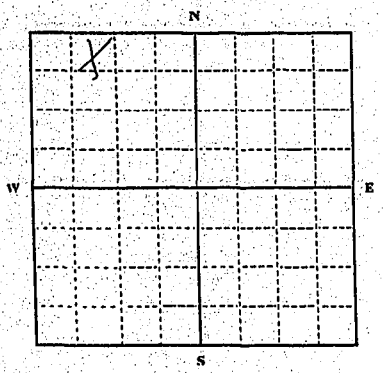
RECEIVED DEC 26 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Arthur J. or Mary S. Schroer, of Rt. 2 Ronan
(Name of Appropriator) (Address) (Town)

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



NW ¼ NW ¼ Sec. 12 T. 20 R. 20

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1933 Constant

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 ½ Acre (Lawn) NW¼-NW¼ - Sec. 12 - Range 20 Township 20 Arthur J. Schroer Mary S. Schroer

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 June - 1933

8. The depth of water table 4½ 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 over flowing spring 4½' x 4½' x 4½'

10. The estimated amount of groundwater withdrawn each year 18 0000 gals.

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

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

Signature of Owner Mary S. Schroer Arthur J. Schroer

Date December 20 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.

12218

2438

162708

Water Report

Arthur J. & Mary Schroeder

to

The Public

STATE OF MONTANA }
County of Lake, }ss

Filed on the 23 day of Dec

A. D. 1963 at 1:32 P.M

~~HAZEL~~ KINNEY

County Clerk and Recorder

By G. Cowman

Deputy

3.00

20N-20W

GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED
JUN 19 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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 Al Skogen

Address Ronan, Montana

Date well started April 30

completed May 9, 1973

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

Equipment used Churn (Churn drill, rotary or other)

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

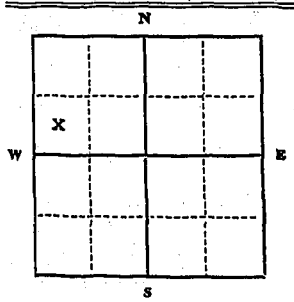
*Describe

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

For Administrator's Use
File R474,210254
June 19, 1973
GW 1 11:22 A.m.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" 17#	0	350	Steel 6"	@	4



Static water level 25 160 ft.*
Pumping water level ft.*
at 40 gallons per minute,
measured 2hr minutes after pumping began.
*Measured from ground level.
Well developed by Air
for 1 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Sw&Sw ¼ NW ¼ Sec. 12
T. 20 N/S R. 20 E/W

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

Driller's Signature Emmett J. Keefe
Driller's Address Polson, Mont.
LICENSE NO. 8

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	20	Clay
20	190	Sand & Silt
190	190	Sand & Silt
190	200	Sand
200	275	Yellow Clay, sandy
275	300	Sandy Clay
300	342	Sandy Clay
342	350	Sand & Gravel

350 Show exact depth of bottom

53,659

210254

R-1474

Al Skogan

to

The Public

Well Report

STATE OF MONTANA
County of Lake

Filed on the 19 day of June, 1973
11:23 o'clock M
ETHEL M. HARDING
County Clerk and Recorder
Deputy

GW-3

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

File No. .....

QUADRUPLICATE

T. 20 N R. 20 W

County Lake

RECEIVED
JUL 3 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

210635, 1510
June 29, 1973
4:52 p.m.

Date of Appropriation of Groundwater approximately 1960

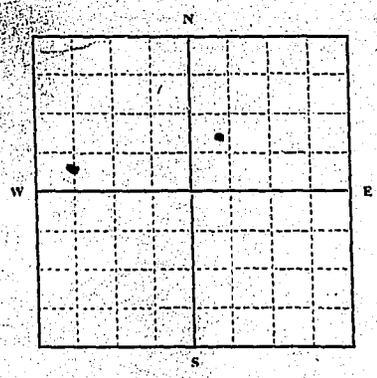
Owner J. M. Brooke Address Ronan, Montana

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 natural springs (two)



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

S½S½SW¼NW¼, Sec.13, T.20N. R.20W.

SE¼NW¼SW¼NE¼, Sec.13, T.20N., R. 20W.

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

150 gals per min and year-round use ~~15 miners inches each spring~~; use is for domestic, stockwater, and irrigation (both ~~with~~ the same use) springs

Signature of Owner J. M. Brooke

Date June 29, 73

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

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

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

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

54922

210635

R- 1540

J. M. BROOKE

TO

THE PUBLIC

Notice of Completion of Groundwater Appropriation Without Well

STATE OF MONTANA }
County of Lake }

Filed on the 29 day of June

A. D. 19 73 at 4:50 o'clock P M

ETHEL M. HARDING

County Clerk and Recorder

By Elaine Elsperman

Deputy

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0'	2'	top soil
2'	16'	clay
16'	18'	surface water & sand
18'	84'	clay sand some gravel
204'	338'	hard clay & gravel
338'	351	softer clay & gravel
351'	353'	silty sand gravel & water
353'	369'	silty sand clay & gravel
369'	397'	clay, boulders, some gravel
397'	398'	blue water, sand
398'	400'7"	gravel with lots of water

STATE OF MONTANA } ss
County of Lake,
Filed on the 5 day of June
A. D. 19 52 at 2:52 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By Merton Lee Olson
Deputy

R11 146710
water well log
John Hughes
to
Public

14/

Sec 14 T. 20 R. 20

County Lake

RECEIVED
MAY 7 1959
STATE ENGINEER

14-20-20

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: John Hughes Address: Rt 2 Ronan

Driller: Glenn Camp Address: 705 Alder, Missoula, Mont

Date Started: May 3, 1958 Date Completed: May 23, 1958

Location: Sec. ..... T. ..... R. ..... ¼ sec. 2 mi South of Ronan 1 mi west of Highway 93

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

Water use: Domestic [X] Municipal [ ] Stock [X] Irrigation [X]

Industrial [ ] Drainage [ ] Other: .....

Casing: 1' above ground level ft. to 400' 7" ft. Type 19 lb per ft Size 6"

Casing: ..... ft. to ..... ft. Type ..... Size .....

Casing: ..... ft. to ..... ft. Type ..... Size .....

Perforated or Screened: Ft. no to ft. ..... Ft. ..... to ft. .....

Type of screen or perforations no

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

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

Pumping water level Flows 5 gal per min – 80 gal per min 30' from top feet at ..... gal. per min.

How tested: bailer

Length of test .....

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

(over)

3 GW.2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
MAY 19 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

20N-20W-14

County Lake

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 Ben Olsson

Address South of Ronan

Ronan, Montana

For Administrator's Use
File R-1346, 203622
May 18, 1972 11:30 a.m.
GW 1

Date well started Feb. 22, 1971
Deepened Jan. 8, 1972
completed Feb. 26, 1971
Deepened March 1, 1972

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

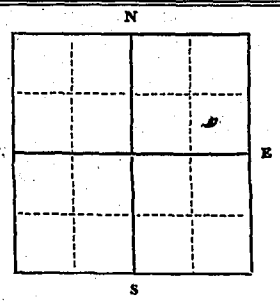
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6" I.D.	6" I.D. 17 lb per ft. s.l.	1'6" above g.l.	390'		none	



SE ¼ NE ¼ Sec. 14
T. 20 N/S R. 20 E/W

Static water level 19' ft.*
Pumping water level 69 ft.*
at 120 gallons per minute,
measured 2 minutes after pumping began.
*Measured from ground level.
Well developed by compressor
for 4 hours.
Power Does not Pump apply. HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) R.J.G.

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

Driller's Signature Glenn Camp
CAMP WELL DRILLING & PUMP SUPPLY

Driller's Address 1522 S. 14th St., Missoula, Montana 59801

LICENSE NO. 7

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	2	Black Topsoil
2	10	Brown Clay
10	11	Sand, Gravel & Water
11	20	Brown Clay & Gravel
20	55	Brown Silt & Water
55	110	Brown Clay
110	171	Tan clay & Gravel
171	175	Sand, Small Gravel & Water
175	185	Gravel & Tan Clay
185	186	7" Gravel & Water
186	324	Tan Clay & Gravel
324	350	Boulders & Tan Clay & Gravel
350	360	Tan Clay & Gravel
360	389	Gravel & Water
389	390	Gravel & Water

390 Show exact depth of bottom

50,423

203622

R- 1346

Well Report

Don Olsson

to

The Public

STATE OF MONTANA }
County of Lake } ss

Filed on the 18 day of May
A.D. 19 72 at 11:12 o'clock PM

ETHEL M. HARDING
County Clerk and Recorder

By Jewell Beals
Deputy

GW 2

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

File No. _____

T. 20 N. R. 20 W.

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Marvin E. Arlint Address: Ronan, Montana

Driller: Camp Well Drilling & Pump Supply Address: 1522 S. 14th W. Missoula, Montana

Date of Notice of appropriation of groundwater _____

Date well started Dec. 10, 1969 Date completed Jan. 5, 1970

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

Water use: Domestic [X] Municipal [ ] Stock [X] 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.

LOG

Top of Ground

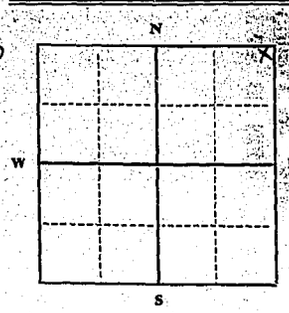
(Elev. above sea level _____)

0-1 Black dirt
1-3 Clay
3-42 Silty Sand and Water
42-208 Clay, Gravel & Rock
208-239 Tight Gravel, Clay seep of water
239-241 Boulder
241-244 Clay and Gravel
244-287 Tight Clay and Gravel
287-289 Silty Sand and Water
289-355 Clay, Gravel & Rock
355-361 Tight clay, Gravel Boulders
361-373 Clay and Gravel
373-384 Sandy Clay and Gravel
384-388 Boulder
388-408 Clay and Gravel
408-410 Blue Clay and Gravel
410-413 Gravel & Water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6" I.D.	6" I.D. 17 lb per ft	1'6" above G.L.	413'		none	

Doc. No. 192015
Filed for record this 15 day of January A. D. 19 70, at 12:00 o'clock P.M.

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 16 1970



NE¼ NE¼ Sec. 15 T. 20 N. R. 20 W.

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

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

Shut-in Pressure for Flowing Well _____

Pumping Water Level 50 feet at 125 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Air Compressor

Length 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

Glenn Camp
Driller's Signature. Camp Well Drilling & Pump Supply

46053

R-1182

192015

MARVIN E. ARLINT

TO

THE PUBLIC

STATE OF MONT.
COUNTY OF LAKE

Filed on the 15th day of Jan.
A.D. 1970 at 12:02 o'clock P.M.

Ethel M. Harding
County Clerk & Recorder

By Jewell Beatty

$2.00

JAN 16 1970

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

Shut-in Pressure for Flowing Well

Pumping Water Level 50 foot

at 125 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Air Compressor

Length of Test 1 Hour

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

Section 25 T22 R.20W

Indicate location of well (and place of test if possible) on this small square representing 40 acres

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

Notice of Completion of Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0-1	Black Dirt
1-3	Clay
3-42	Silty Sand and Water
42-208	Clay, Gravel & Rock
208-239	Tight Gravel, Clay seep of water
239-241	Boulder
241-244	Clay and Gravel
244-287	Tight Clay and Gravel
287-289	Silty Sand and Water
289-355	Clay, Gravel & Rock
355-361	Tight clay, Gravel Boulders
361-373	Clay and Gravel
373-384	Sandy Clay and Gravel
384-388	Boulder
388-408	Clay and Gravel
408-410	Blue Clay and Gravel
410-413	Gravel & Water

Owner: Marvin E. Arlint Address: Ronan, Montana

Driller: Camp Well Drilling & Pump Supply Address: 1522 S. 14th W. Missoula, Montana

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

Date well started: Dec. 10, 1969 Date completed: Jan. 5, 1970

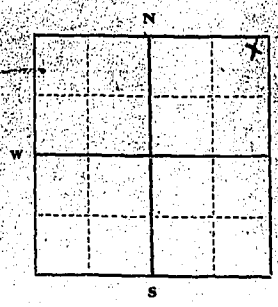
Type of well: Drilled (Dug, driven, bored or drilled) Equipment used: Churn Drill (Churn drill, rotary or other)

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

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" I.D.	6" I.D. 17 lb per ft	1'6" above G.L.	413'		none	

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 16 1970



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

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

Pumping Water Level 50 feet at 125 gal. per minute.

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

How Tested: Air Compressor

Length of Test: 1 Hour

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

NE¼ NE ¼ Sec. 15 T. 20 N R. 20 W

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

.....(Continue on reverse side)

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

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

G. Lewis Camp
Driller's Signature. Camp Well Drilling & Pump Supply

STATE OF MONTANA, } ss.
County of Lake

Marvin E. Arline having first been duly sworn, depose s and say s that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is subscribed thereto, as the appropriator and claimant, that he know s the contents of said foregoing notice and that the matters and things therein stated are true.

Marvin E. Arlint

Subscribed and sworn to before me, this 15 day of Jan, 1970

Jay D. French
Notary Public for the State of Montana.

Residing at Ronan, Mont.

My Commission expires April 11 1970

R 1182

192015

MARVIN E. ARLINT

TO

THE PUBLIC

STATE OF MONTANA } ss
County of Lake
Filed on the 15 day of January
A. D. 19 70 at 12:00 o'clock A M
ETHEL M. HARDING
County Clerk and Recorder
By Ethel M. Harding
Deputy

202

GW

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

File No.

T. 20N R. 20W

DUPLICATE

County

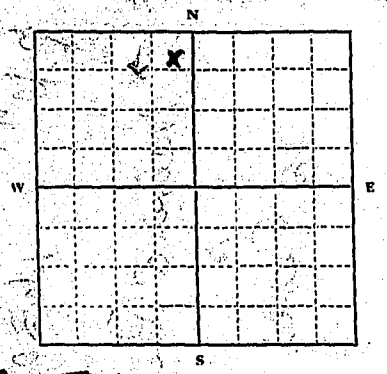
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 3 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NW ¼ Sec. 15 T. 20 R. 20

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

2. The beneficial use on which the claim is based Household Stock & Garden and Lawn

3. Date or approximate date of earliest beneficial use, and how continuous the use has been Summer of 1952 Used continuous to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 Used for 1 half acre of Garden and small Lawn around dwelling

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Withdrawn from ground by electric operated pump from one well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1, 1952 ; Completed June 1, 1952

8. The depth of water table about 14'

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 would not vary much.

10. The estimated amount of groundwater withdrawn each year about 365,000 gallons

11. The log of formations encountered in the drilling of each well if available No wells drilled

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 County Recording of this well

Signature of Owner Melvin Reum

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.

19633

R, 691 163031

Melvin E. Peum

to

The Public

STATE OF MONTANA } ss.
County of Lake,
Filed on the 31 day of Dec
A.D. 1963 at 9:15 o'clock A.M
[illegible]
County Clerk and Recorder

By _____ Deputy