3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County LEWIS & CLARK

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 LEROY G. HOLSHUE

Address 5255 No. MONT.
HELENA, MONTANA

Date well started 7-8-67
completed 7-11-67

For Administrator's Use	
File	256393
	June 29, 1973
GW 1	9:18 p.m.

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

Equipment used OTHER - TRUCK W/ HYD. DRIVER
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

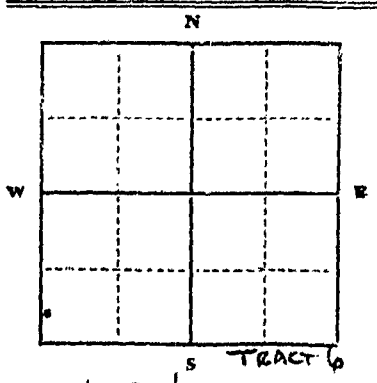
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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"	6"	0	48			



SW ¼ SW ¼ Sec. 5
T. 10 N R. 3 ~~E~~ W

Static water level 15 ft.*
Pumping water level 43 ft.*
at ..... gallons per minute,
measured ..... minutes after pumping began.
*Measured from ground level.
Well developed by .....
for ..... hours.
Power ..... Pump ..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) .....

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

Driller's Signature ROBERT PRICE / DECEASED

Driller's Address CLANCY, MONTANA

LICENSE NO. UNKNOWN

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)	

48 FT Show exact depth of bottom

54805

236393

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 29 day of June A.D. 19 73 at 10 min. past 9 o'clock A.M.

Records of Lewis & Clark County, State of Montana.

Helen Lomick
County Recorder

By Carol Erickson
Deputy

3.02

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Lewis & Clark

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 LeRoy G. Holshue

Address 5255 No. Montana Ave.

Helena Montana

Date well started Summer 1955

completed 1955

For Administrator's Use	
File	236392
	June 29, 1973
GW 1	9:17 a.m.

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

Equipment used Other - Truck w/ Hyd Driver
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

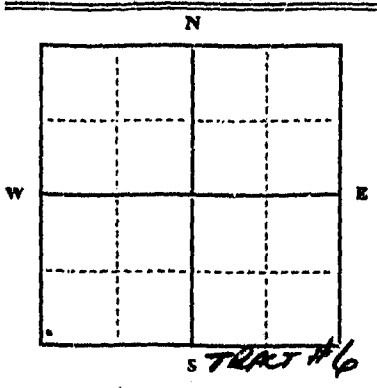
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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"	6"		50 FT			



S.W. ¼ S.W. ¼ Sec. 5
T. 10 N/S R. 3 E/W

Static water level 15 ft.*
Pumping water level 45 ft.*
at ..... gallons per minute,
measured ..... minutes after pumping began.
*Measured from ground level.
Well developed by .....
for ..... hours.
Power ..... Pump ½ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) .....

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

Driller's Signature Driller Unknown A.S.

Driller's Address I purchased property 1964

..... LICENSE NO. Unknown

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)	

50 FT Show exact depth of bottom

54804

236392

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 29 day of June A.D. 19 93 at 17 min. past 9 o'clock AM.

Records of Lewis & Clark County, State of Montana

Helen Rossiter
County Recorder

By Carol Chesbro
Deputy

12.00

G

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

File No.....

T. 10 N R. 3 W

DUPLICATE

County LEWIS AND CLARK

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

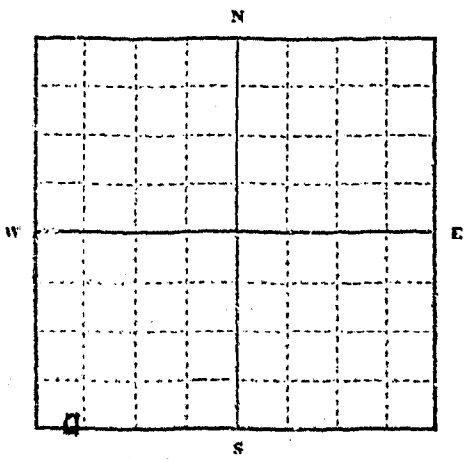
RECEIVED
NOV 4 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1 ALBERT E. AND LOUISE LEUTHOLD, of 1390 MUNGER LANE, HELENA
(Name of Appropriator) (Address) (Town)

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



SW¼ Sec. 5 T. 10 N R. 3 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 — IRRIGATION

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
1.26 ACRES — SW¼ SW¼ OF SEC. 5-T-10N R-3-W MPM — TRACT NO. 32 - PLAT OF THE CLARA M. MUNGER PROPERTY

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

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

8. The depth of water table 6 TO 8 FEET

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
45 TO 50 FEET — 4 IN. CASING

10. The estimated amount of groundwater withdrawn each year 356,000 GALLONS PER YEAR

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

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
N.A.

Signature of Owner Albert Leuthold

Date Oct. 22, 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.

676

149446

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 29th day of Oct A.D. 1963 at 40 min. past 10 o'clock a M.

Records of Lewis & Clark County, State of Montana.

Sylvia Lanich
County Recorder

By Jeanne Ann Russell
Deputy

$ 2.00

G -Helena Independent Record

File No.

DUPLICATE

T. 10 N R. 3 W

County Lewis & Clark

RECEIVED JAN 9 1964 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

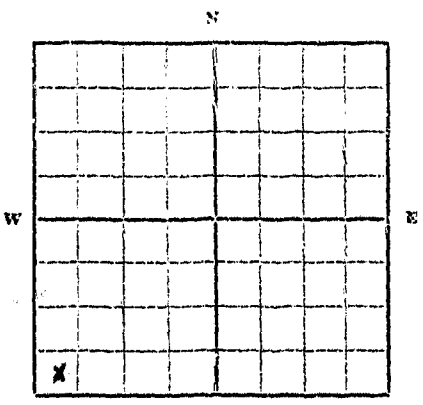
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mitchell A. & Joaquina P. Lovely (Name of Appropriator), of 1245 Munger Lane, Helena (Address) (Town) Montana

County of Lewis & Clark State of Montana

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



SW¼ SW¼ Corner Tract #12 ¼ Sec. 5 T. 10 R. 3W

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 Yard-Garden Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Fall 1958 - Continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 35-40 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 Garden-Yard watering

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 In the year 1958 - commenced & completed

8. The depth of water table 10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 5/8" O.D. Case Depth 38'

10. The estimated amount of groundwater withdrawn each year 200,000 Gal./year

11. The log of formations encountered in the drilling of each well if available 0-2' Top soil; 2'-14' Med. Sand & Gravel; 14'-26' Firm Sand & Gravel; 26'-31' Clay; 31'-36' Tight Clay; 36'-38' Clean Sand & 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 Mitchell A. Lovely / Joaquina P. Lovely

Date 12-30-63

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

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

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

28896

Indexed
Recorded
Compared

151928

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss.

I hereby certify that the within instrument was filed in my office on this 7 day of ~~[illegible]~~ A.D. 19 64 at 37 min. past 8 o'clock a M.

Records of Lewis & Clark County, State of Montana

Helen Donald
County Recorder

By Norma Kelley
Deputy

$ 2.00 pd.

G

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

File No. .....

T. 10 N R. 3 W

DUPLICATE

County LEWIS AND CLARK

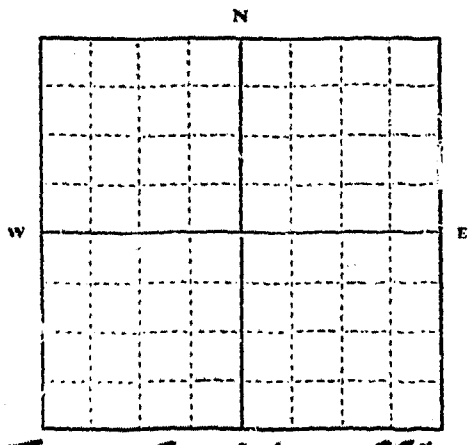
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. THOMAS W. MADDOX, of 2000 LEGRANDE CANNON BLVD., HELENA,
(Name of Appropriator) (Address) (Town)
County of LEWIS AND CLARK State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



THAT IN EAST HALF, SE4 NE4 NW4 AND SW4
.....1/4..... Sec. 5 T. 10N R. 3W

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, IMMEDIATE YARD

3. Date or approximate date of earliest beneficial use; and how continuous the use has been JUNE 1959 - EACH YEAR APPROXIMATELY APRIL 1 - THROUGH OCTOBER, SINCE.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 GALS 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 ONLY FOR GRASS, SHRUBS, TREES, GARDEN IMMEDIATELY SURROUNDING CABIN SITE.

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 SPRING OF 1959

8. The depth of water table (Ground to water about 30 feet.) AT ABOUT 5800 FEET ABOVE SEA 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 DRILLED, SIX-INCH CASING.

10. The estimated amount of groundwater withdrawn each year 50,000 GALS.

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

Thomas W. Maddox

Signature of Owner Thomas W. Maddox

Date 30 DECEMBER 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.

36146

152337

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this 10 day of Jan A.D. 19 64 at 10 min. past 1 o'clock P M.

Records of Lewis & Clark County, State of Montana.

Helen Kornish
County Recorder

By M. Lara
Deputy

$2.00

GW 2

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 5 1967

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

File No. .....

T. 10 R. 3 5

DUPLICATE

County Lewis & Clark

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.....)

0 - 5 ft
top soil gravel

5 ft 18 ft
gravel
STUFF

18 to 27 ft
Clay gravel

27 ft 39 ft
Hardpan & gravel

39 ft to 41 ft
Silt & Sand

41 ft 42½
ft gravel
& Sand.

Owner Ray Melugin Address 5455 N Montana Helena Valley

Driller Wesley Lindsay Address Clancy Mont.

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

Date well started June 7 1967 Date completed June 9 1967

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 ☐

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"	17 16	0	42½	None		

N
W E
S

Pt. NW¼NW¼SW¼ .....¼ Sec. 5 T. 10 R. 3

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

Static Water Level for non-flowing well 15 feet.

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

Pumping Water Level 25 feet at 20 gal. per minute.

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

How Tested Bailer

Length of Test 2 hours

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

.....(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).

Irrigate yard & Garden

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.

38
Driller's License Number

Wesley Lindsay
Driller's Signature.

42,258

189701

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within instrument was filed in my office on this 29 day of Aug A.D. 1967 at 53 min. past 4 o'clock A.M.

Records of Lewis & Clark County, State of Montana.

Clerk and Recorder

By E. Swanson
Deputy

$ 2.00

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

File No. .....

T. 10 N R. 3 W

County Lc C

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

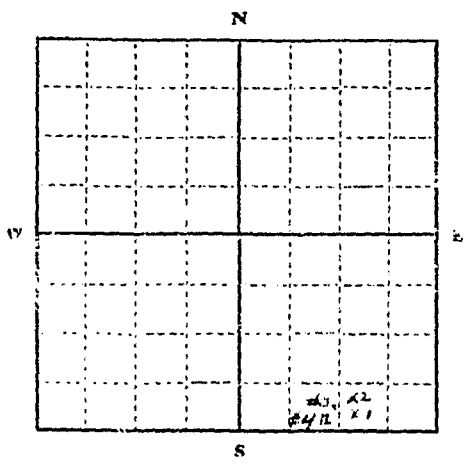
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Clara M. Munger (Name of Appropriator), of 500 Fifth Ave. (Address) Helena (Town)

County of Lewis & Clark State of Montana

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



SE¼SE¼ Sec. 5 T. 10N R. 3W. &
SW¼SE¼ " 5 " 10N " 3W

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 Wells #1 & #2 Household, Dairy Barn, Stock Water & Yard Irrigation. #3 Garden Irrigation- 5 Acres #4 Stock Water & Irrigation - 10 Acres

3. Date or approximate date of earliest beneficial use, and how continuous the use has been
#1 & #2 - 1870 - Continuous Use
#3 - 1930 - Summer Use for Irrigation
#4 - 1904 - Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) #1 & #2 - 15 Gallons per Min. & #3 - 200 Gallons per Minute
#4 - 400 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 Acres in SE¼SE¼ Sec. 5, T 10N, R 3W
Clara M. Johnson Munger, owner
10 Acres in SW¼SE¼ Sec. 5, T 10N, R 3W

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric powered pumps on Wells #1, #2, & #3
#4 - Underground Casing - Gravity Flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #1 & #2 - 1870 - Drilled deeper in 1930
#3 - Summer of 1930 #4 - 1904

8. The depth of water table 12 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 Wells #1, #2 & #3 - Drilled - 6in. Casing
All 42feet to 48 feet deep
#4 - 12'x 12' x 18' deep - Outlet for 6' casing with natural fall to barnyard making a developed spring.

10. The estimated amount of groundwater withdrawn each year Stockwater for 75 head of cattle
3½ acre feet for irrigation of 16 Acres

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
Patent on this homesite recorded in
Book 1 of U.S. Records at Page 307 on file in
Lewis & Clark Co. Recorders Office at Helena, Montana.

Signature of Owner Clara M. Munger

Date Dec 31 1963

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

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

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

36252

152481

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 14 day of Jan A.D. 19 64 at 10 min. past 9 o'clock A. M.

Records of Lewis & Clark County, State of Montana.

Helen Lomick
County Recorder

By M. Loss
Deputy

$ 2.00

W 4

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

File No.

T 10 N R 3 W

DUPLICATE

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

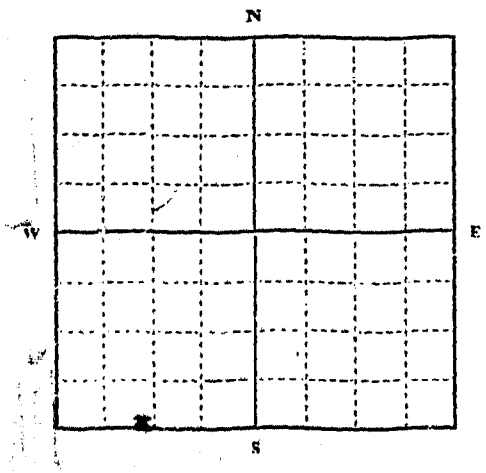
RECEIVED
JAN 13 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ERNEST H. NEIMAN, of 1460 Munger Lane Helena
(Name of Appropriator) (Address) (Town)

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



¼ Sec. 5 T 10N R. 3W

dicate point of appropriation
d place of use, if possible. Each
all square represents 10 acres.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1935, irrigation from 1935 to present.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 110 miner's inches

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump with 6 inch casing

The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1935

The depth of water table 8 to 12 feet.

o 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 not applicable - drilled well, 48 feet deep

. The estimated amount of groundwater withdrawn each year unknown

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

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

Signature of Owner Ernest H. Neiman

Date December 30, 1963

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

uestions. If not applicable, so state, otherwise the form will be returned.

ounty Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of gy, and Quadruplicate for the Appropriator.

31339

152274

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within instrument was filed in my office on this 10 day of Jan A.D. 19 64 at 26 min. past 10 o'clock a M.

Records of Lewis & Clark County, State of Montana.

Silas Romney
County Recorder

By M. Lees
Deputy

$2.00

Gv.

Approved Stock Form—State Publishing Co., Helena, Montana—40876 5

File No. .....

T. 10N R. 3W

DUPLICATE

County Lewis & Clark County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

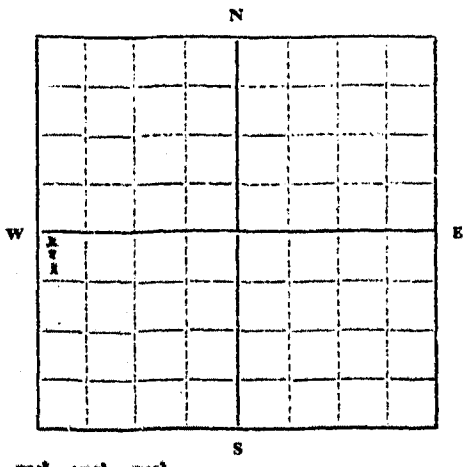
RECEIVED AUG 8 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Gladys Pumnea

1. Nick Pumnea, of N. of Helena, Helena, Montana
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark County State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW¼ NW¼ SW¼
.....¼..... Sec. 5 T 10N R 3W

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 1958 - and 1959

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

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 Electric Pump

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

8. The depth of water table See attached form

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 See attached form

10. The estimated amount of groundwater withdrawn each year 50,000 gallons

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

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 Gladys Pumnea

Date August 5, 1963

Nick Pumnea

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.

5302.

146588

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss.

I hereby certify that the within instrument was filed in my office on this 6th day of Aug A.D. 19 63 at 25 min. past 9 o'clock a M.

Records of Lewis & Clark County, State of Montana

Helen Lovick
County Recorder

Lenore C Russell
Deputy

2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42329

STATE WATER CONSERVATION BOARD

NOV 28 1966

File No.....

T. 10 N R. 3 W

DUPLICATE

County LEWIS & CLARK

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.....)

0 - 17' loose gravel

17 - 19' clay

19 - 34' silty gravel and sand

34 - 38' tight gravel

38 - 50' loose sand, some gravel

50 - 65' loose silty sand

65 - 72' very tight clay bound gravel

72 - 79' heaving silty sand

79 - 82' clay

82 - 114' clay silt some sand

114 - 121'.6" Clay bound gravel very tight

121'.6" - 123' loose coarse sand and gravel

Show exact depth of bottom.

Owner SCHOOL DISTRICT NO. 1 LEWIS & CLARK COUNTY Address HELENA, MONTANA

Driller Price & Lindsay Address Clancy, Mont.

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

Date well started 5-4-66 Date completed 5-21-66

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 ☑ school

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"	8" I.D. schedule 40	15" above ground elv.	121'.6"	Johnson Everdur well screen	from 121.6"	to 123'

N

W E

S

Static Water Level for non-flowing well 7 feet.

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

Pumping Water Level 30 feet at 100 gal. per minute.

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

How Tested pump

Length of Test 8 hrs.

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

.....1/4..... Sec. 5 T. 10 N. R. 3 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).

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.

38

Driller's License Number

Robert Price

Driller's Signature

41,631

182673

Indexed
Recorded
Compared

STATE OF MONTANA } ss.
COUNTY OF LEWIS & CLARK

I hereby certify the within instrument was filed for record on this 18 day of Nov. A.D. 19 66 at 2:15 o'clock P.M.

Records of Lewis & Clark County, State of Montana

Helen Lovick
County Recorder

By R. Swanson
Deputy

Refund

G\

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

File No.

T 10 N R 3 W

DUPLICATE

County Lewis and Clark

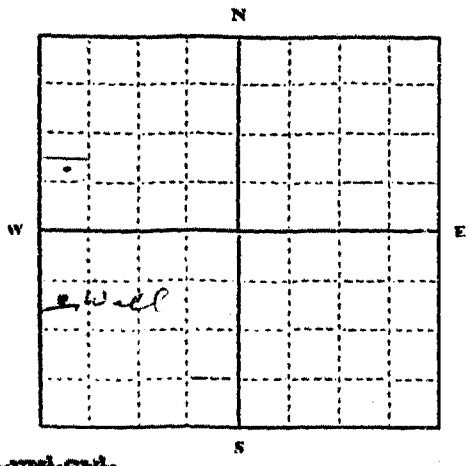
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. EDWIN L. SOLBERG (Name of Appropriator), of 5395 Montana Avenue (Address) Helena (Town)
County of Lewis and Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE¼NW¼SW¼ ¼ Sec. 5 T. 10 R. 3

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, lawn and garden Trailer Court

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1, 1958 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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 3 acres lawn and garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 H.P. electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started drilling June 10, 1958 - completed June 13, 1958

8. The depth of water table 14 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" casing 42 feet deep

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

11. The log of formations encountered in the drilling of each well if available 0-20 gravel, 20-38 feet clay hardpan - 38-42 feet 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 Edwin L. Solberg

Date 19th December 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.

14935

151169

Compared

COUN[illegible] [illegible]RK } SS.

I here[illegible] within in-
strument [illegible] office on
this 20 Dec
A.D. 19 63 at 10 o'clock 05 min. past
[illegible] o'clock [illegible] Clerk
Coun[illegible]

[illegible] County Recorder

By Myrtle Lace
Deputy

$2.00 pd.

G

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

File No. .....

T. 10 N R. 3 W

DUPLICATE

County .....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 2 1963 STATE ENGINEER

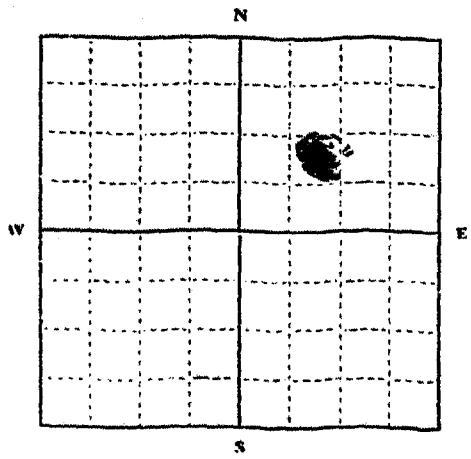
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James M. Willcit (Name of Appropriator), of 2604 Dodge Ave. (Address) Helena (Town)

County of Lewis and Clark State of Montana

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



.....¼..... Sec. 5 T. 10 R. 3

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 1953 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 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 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 electric deep well pump on lots

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

8. The depth of water table 40'

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 - 7 inch casing - 110 feet

10. The estimated amount of groundwater withdrawn each year ? Not Known

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

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

Signature of Owner James M. Willcit

Date Nov. 29-1963

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.

7587

150357

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 22 day of Nov A.D. 19 63 at 15 min. past 10 o'clock a.M.

Records of Lewis & Clark County, State of Montana

County Recorder

By Deputy

$2.00

G

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

File No. .....

T. 10 N. R. 3 W.

DUPLICATE

County Lewis & Clark

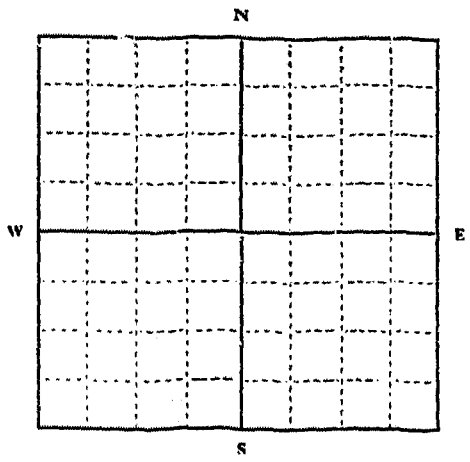
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 13 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James V. Willett, of Helena Speedway Rd. Helena
(Name of Appropriator). (Address) (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW¼ Sec. 5 T. 10 N. R. 3 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 use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 20, 1952 - daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gallons a 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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric Pump
SW ¼ of property

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 5-7-1952

8. The depth of water table Surface water 18 ft. 2nd water about 40 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 Machine drilled - Steel casing 6 inches in diameter 40 ft in depth & electric pump

10. The estimated amount of groundwater withdrawn each year approx. 155,000 gals.

11. The log of formations encountered in the drilling of each well if available Gravel, clay & 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 None

Signature of Owner James V. Willett
Date 11-18-63

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.

31301

152109

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 8 day of Jan A.D. 1964 at 40 min. past 1 o'clock P.M.

Records of Lewis & Clark County, State of Montana

County Recorder

By M. Lass
Deputy

$ 2.00

GROUNDWATER INDEX

County L+C Twp. 10N Rge. 3W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
6	Ballard, Jack R.	GW4	151792	
6	Baluka, Bill	GW2	236385	
6	Barnekoff, Delwyn H.	GW4	152314	
6	Barnett, Richard W.	GW4	151521	
6	Barnett, Richard W.	GW2	207729	
6	Barnett, Richard W.	GW2	207730	
6	Barnett, Richard W.	GW2	207728	
6	Barnett, Richard W.	GW2	234448	
6	Barnett, Richard W.	GW2	234449	
6	Betts, Guy A.	GW2	176375	
6	Bomar, Chris	GW2	231594	
6	Burkland, John	GW2	149919	
6	Butler, Ethel E	GW4	151170	
6	Calmettes, Violet B	GW2	190603	
6	Carson, Cathrine B	GW2	152308	
6	Cerney, C. R.	GW4	150801	
6	Coffey, Ralph H.	GW2	205681	
6	Conn, Howard	GW2	155178	
6	Crider, Jack H + Marjorie M.	GW4	152004	
6	Crocker, Ray	GW2	180482	
6	Cronk, Henry Wilson	GW2	205718	
6	Daly, Kieran + Wilma J.	GW4	149511	
6	Dickert, Charles	GW2	236444	
6	Dykstra, Milton R	GW2	234709	
6	Elford, Samuel T + Bonna R.	GW2	145121	
6	Evans, Cherrie L.	GW2	236509	
6	Flansaas, Mr + Mrs Roy William	GW4	134308	
6	Folsom, Orrin J + Jeanette	GW2	194447	
6	Forestvale Cemetery	GW2	214571	
6	Forestvale Cemetery Association	GW4	129698	
6	Fredrick, John W + Vera M.	GW4	149661	
6	Freiburg, A. Ralph	GW2	235827	
6	Geier, Charles	GW2	151171	
6	Glueckert, Fred	GW2	236428	
6	Hartsook, Everett L.	GW4	151793	
6	Hayes, Donald Glen + Jo Ann	GW4	152022	
6	Hesters, Clarence R + Judy M.	GW4	152396	
6	Hilt, Raymond	GW4	151541	
6	Hoff, Adam + Mabelle	GW4	147871	
6	Hohn, James V.	GW2	218360	
6	Jackson, Roy + Mary J.	GW2	205819	
6	Jakovac, Tony	GW2	175902	
6	Knapp, Ray	GW2	178965	
6	Kroll, Albert	GW2	228491	
6	Lane, Carl	GW2	173914	
6	Lanthorn, Bruce W.	GW2	235927	

County _____ Twp. 10N Rge. 3W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
6	Lea, Robert K.	GW2	151161	
6	Lee, Margaret	GW2	153479	
6	Lee, Margaret H.	GW4	151829	
6	Ludwig, Earl L. + Mary L.	GW4	151016	
6	Lundberg, Jerold L.	GW4	134454	
6	Mahoney, Ellen L. + Shirley Ann	GW4	152060	
6	Manlove, Delbert + Helen	GW2	236364	
6	Maynard, Robert	GW2	172953	
6	Maynard, Robert	GW2	197215	
6	Maynard, Robert	GW2	223490	
6	Maynard, Robert	GW2	223491	
6	Maynard, Robert	GW2	223492	
6	Maynard, Robert	GW2	223493	
6	Maynard, Robert	GW2	223494	
6	Maynard, Robert	GW2	223495	
6	Maynard, Robert L.	GW2	198659	
6	Maynard, Robert L.	GW2	181008	
6	Maynard, Robert L.	GW2	181009	
6	Maynard, Robert L.	GW2	207347	
6	Maynard, Robert L.	GW2	201770	
6	Maynard, Robert L.	GW2	204994	
6	Maynard, Robert L.	GW2	204995	
6	Maynard, Robert L.	GW2	207346	
6	Maynard, Robert L.	GW2	207348	
6	Maynard, Robert L.	GW2	223489	
6	Maynard, Robert L. + Dora	GW2	194448	
6	Meyers, Edward H.	GW2	149621	
6	Meyers, Edward H.	GW4	149622	
6	Meyers, Leo B.	GW4	150468	
6	Mikelish, Gary L., Dr.	GW2	235774	
6	Miller, Martin B.	GW2	176426	
6	Miller, Martin B.	GW2	234828	
6	Milekush, Donald R.	GW2	216962	
6	Moncrief, Ralph + Mabelle	GW2	212295	
6	Morgan, Mr. + Mrs. Howard K.	GW2	206013	
6	Mossey, Oscar D.	GW4	131431	
6	Neilson, A. L. + Carrie L.	GW4	144509	
6	Newton, Frank W.	GW2	181540	
6	Nick, Michael H.	GW4	150659	
6	Olsen, L. Carl	GW2	236544	
6	Olsen, L. Carl	GW2	236418	
6	Palmer, Larry	GW2	194182	
6	Palmer, Lawrence R.	GW4	138951	
6	Parent, Wilford	GW4	150597	
6	Pennel, Frank J.	GW4	152307	
6	Pilon, Elmer	GW2	219584	

County L & C Twp. 10N Rge. 3W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
6	Post, Florence + Don	GW2	152051	
6	Rector, Bruce E + Merlyn J.	GW4	152432	
6	Rowlson, Ralph	GW2	234803	
6	Schroeder Bros. Co.	GW2	235773	
6	Schroeder Bros. Co.	GW2	235795	
6	Shorrow, George F.	GW4	150700	
6	Sias, L. B.	GW4	131432	
6	Smith, Don	GW2	217532	
6	Stevison, F.	GW2	233260	
6	Streeter, Malcolm J.	GW2	206616	
6	Swann, Hilary L.	GW2	228100	
6	Swenson, Oscar	GW2	221699	Tr.
6	Thompson, Richard + Donna	GW4	150699	
6	Thompson, Richard P.	GW2	212152	
6	Tyrrel, Nila O.	GW2	236504	
6	Vilandre, Francis N.	GW4	151833	
6	Warren, W. H.	GW2	173775	
6	West Helena Valley Fire District	GW4	151028	
6	West, Mr. + Mrs. V. L.	GW2	204996	
6	Zeilers, Dennis	GW2	236463	
6	Zuelke, Emil C.	GW4	151821	
6	—	GW2	190832	

Tr - Transfer (Form 608)

GV

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

File No.....

T. 10 N R. 3 W

DUPLICATE

County L & C

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 7 1964 STATE ENGINEER

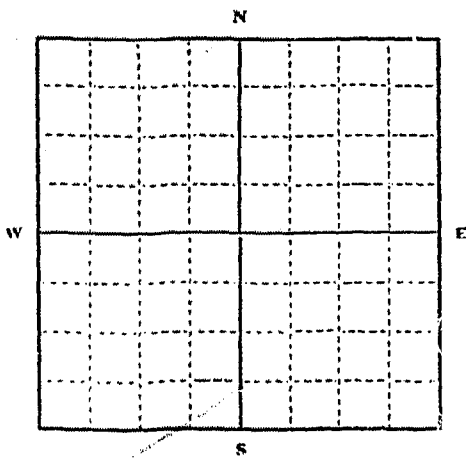
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Jack R. Ballard (Name of Appropriator), of 5372 No Mont (Address) Helena (Town)

County of L & C State of Montana

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



.....¼..... Sec. 6 T. 10 R. 3

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1960 used continued

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

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 May 1960

8. The depth of water table 18 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 Cased well 42 feet deep

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

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

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

Signature of Owner X Jack R. Ballard

Date 12-30-63

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

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

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

26617

151792

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 6 day of Jan A.D. 19 64 at 16 min. past 10 o'clock a M.

Records of Lewis & Clark County, State of Montana.

County Recorder

By McLaren
Deputy

$2.00 pd

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Lewis & Clark

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 Bill Baluka

Address 685 Sewell
Helena, Montana

Date well started Oct-3-68
completed Oct-6-68

For Administrator's Use	
File	236385
	June 27, 1973
GW 1	9:10 A.M.

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

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

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 73,000 Gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 17LB.	0	60		NO	

N
W E
S

NW ¼ SW ¼ Sec. 6
T. 10 N. R. 3 E

Static water level 15 ft.*
Pumping water level 50 ft.*
at 15 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 2 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
NO

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

Driller's Signature A. F. Welch

Driller's Address 980 RINAY RD
HELENA, MONT LICENSE NO. 100

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	60	Sand & Gravel
	60	Water

60 Show exact depth of bottom

54,773

236385

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } S

I hereby certify that the within instrument was filed in my office on this 29 day of June A.D. 19 93 at 10 min. past 9 o'clock A.M.

Records of Lewis & Clark County, State of Montana

Silvia Dominick
County Recorder

By Carol Erickson
Deputy

8.00

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

File No. .....

T. 10N R. 3W

County L & C

DUPLICATE

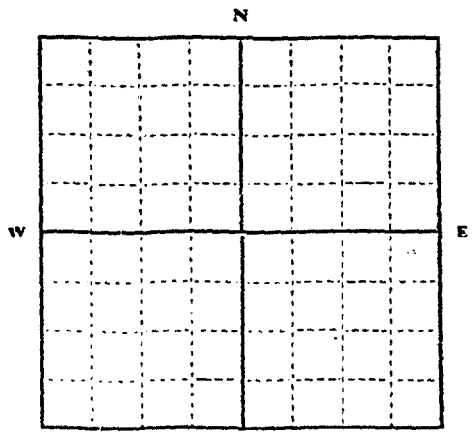
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Delwyn H. Barnekoff (Name of Appropriator), of 5480 N. Montana (Address) Helena (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/2 NE 1/4 NE 1/4 SE 1/4
1/4 Sec. 6 T. 10N R. 3W

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 & gardening

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 1, 1959 Constant use

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Jet pump, SW corner of house in basement

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced approx. 4-1-59, completed 9-1-59

8. The depth of water table 41 ft. depth of 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 Well depth 41 feet. County & I.D. standard water well casing.

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

11. The log of formations encountered in the drilling of each well if available Top soil, gravel, hardpan, clay, hardpan, clean sand & gravel & 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 None

Signature of Owner Delwyn Barnekoff

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.

36138

152314

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 10 day of Jan A.D. 19 64 at 48 min. past 11 o'clock a M.

Records of Lewis & Clark County, State of Montana

Helen Lomicka
County Recorder

By Norma Kelley
Deputy

$2.00

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

File No.

T 10N R 3W

DUPLICATE

County Lewis & Clark

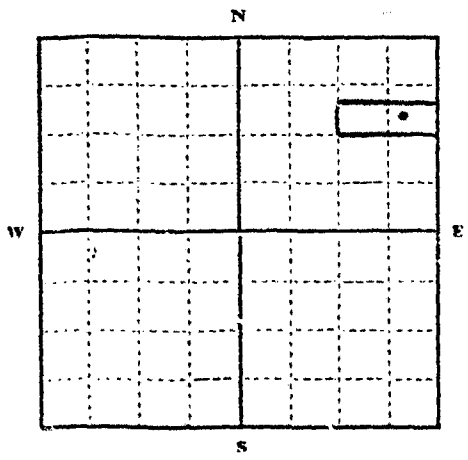
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 7 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Richard W. Barnett (Name of Appropriator) of 5820 W. Mont. Ave. (Address) Helena, Mont. (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ NE¼ Sec. 4 T 10N R 3W

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 trailer court.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug. 28, 1957 and continuous since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 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 Used for watering lawns in the trailer court.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Aug. 16, 1957---Finished Aug. 28, 1957

8. The depth of water table 15 feet from surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well is 68 feet deep and is pumped by 3 hp jet pump. Foot valve set at 3[illegible] feet. 2½ inch copper tubing is [illegible] used.
6½ I.D. Pipe. New 13 lb from 0 to 68 feet. Welded joints. Perforated from 45 to 57', 59 to 62', 64 to 68'.

10. The estimated amount of groundwater withdrawn each year 2 Million Gallons.

11. The log of formations encountered in the drilling of each well if available
0-45' Silty clay & gravel; 45-57' gravel; 57-59' Clay; 59-62' gravel; 62-63' Clay & gravel; 63-68 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
Montana State Board of Health---Division of Environmental Sanitation.

Signature of Owner Richard W. Barnett

Date December 27, 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.

26590

151521

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss.

I hereby certify that the within instrument was filed in my office on this 30 day of Dec A.D. 19 63 at 55 min. past 4 o'clock P.M.

Records of Lewis & Clark County, State of Montana

County Recorder

By Deputy

$ 2.00

GW 2

Approved Stock Form– State Publishing Co., Helena, Montana—45642 3

File No.....

T. 12N R. 3W

County Lewis & Clark

TRIPLICATE

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)

LOG

Top of Ground

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

0 SAND

2 GRAVEL

16 WATER

40 SAND

2 GRAVEL

44 WATER

Show exact depth of bottom.

Owner..... Address.....

Driller A. F. WELCH Address HELENA

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

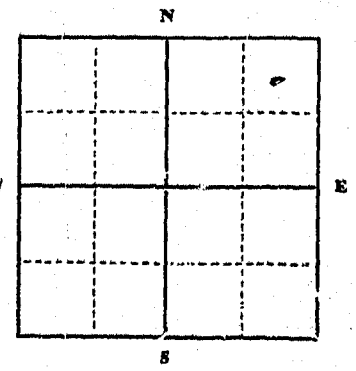
Date well started APR Date completed 1-1962

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 ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7	7 20LB	0	44	NO		



Static Water Level for non-flowing well 40 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 40 feet at 40 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HR

Remarks: (Gravel packing, cementing, packers, type of shutoff) NO

NE 1/4 NE Sec. 6 T. 12N R. 3W

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).

Doc. No. 2077289

Filed for record this 7 day of January A. D. 19 70, at 1:40 o'clock P.M.

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

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

100
Driller's License Number

A. F. Welch
Driller's Signature.

46034

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45642 3

File No.....

T. 10N R. 3W

County Lewis & Clark

TRIPLICATE

LOG

Top of Ground

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

0 SAND

GRAVEL

40

40 WATER

SAND

2

GRAVEL

44

66 WATER

Show exact depth of bottom.

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 Richard Barnett Address 5820 N Montana Ave.

Driller A. F. WELCH Address HELENA

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

Date well started APR Date completed 11-1965

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 ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7	7 20LB	0	66	NO		

N W E S

NE 1/4 NE Sec. 6 T. 10N R. 3W

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

Static Water Level for non-flowing well 40 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 40 feet at 40 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HR

Remarks: (Gravel packing, cementing, packers, type of shutoff) NO

(Continue on reverse side)

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

Doc. No. 2077289

Filed for record this 7 day of January A. D. 19 70, at 1:40 o'clock P M.

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

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

100

Driller's License Number

A. F. Welch

Driller's Signature.

46034

GW 2

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

File No.....

T. 10N R. 3W

TRIPLICATE

County Lewis & Clark

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)

Owner Richard Barnett Address 5820 N. Montana Ave.

Driller A. F. WELCH Address HELENA

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

Date well started APR 5 Date completed 11-1962

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 ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7	7 20LB	0	66	NO		

Top of Ground

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

0 SAND & GRAVEL

40 WATER

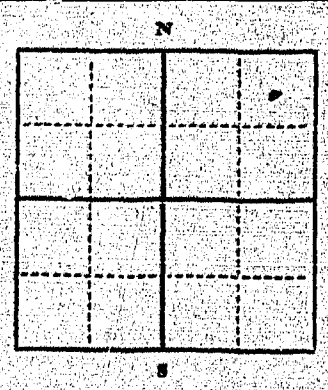
40 SAND & GRAVEL

66 WATER

Show exact depth of bottom.

Doc. No. 2077289

Filed for record this 7 day of January A. D. 1970, at 1:40 o'clock P M.



NE ¼ NE ¼ Sec. 6 T. 10N R. 3W

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

Static Water Level for non-flowing well 40 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 60 feet at 40 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HR

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

NO

(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).

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.

100

Driller's License Number

A. F. Welch

Driller's Signature.

46034

20 7 7 2 9

Filed
Recorded
Indexed

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on the day of 19 at min. past o'clock P.M.

Clerk and Recorder of Lewis & Clark County, State of Montana

By County Recorder
Deputy

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 12 1970

GW 2

File No.....

TRIPLICATE

Approved Stock Form--State Publishing Co., Helena, Montana--45642 3

T. 10N R. 3W

County Lewis & Clark

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 [illegible] Address [illegible]

Driller A. F. WELCH Address HELENA

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

Date well started APR 16 Date completed 19-1967

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 ☐

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 SAND & GRAVEL

42 WATER

42 SAND & GRAVEL

65 WATER

65 SAND & GRAVEL

85 WATER

85 Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	1 5/8 191 LB	0	85	NO		

N W E S

Static Water Level for non-flowing well 50 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 80 feet at 40 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff) NO

NE ¼ NE Sec. 6 T. 10N R. 3W

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

Doc. No. 207730

Filed for record this 7 day of January A. D. 19 70 at 1:45 o'clock P M.

(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).

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.

100
Driller's License Number

A. F. Welch
Driller's Signature.

46035

20 77 30

Indexed
Recorded
(Compared)

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

hereby certify that the within instrument was filed in my office on this 12 day of Jan 45 min. past A.D. 19 70 at 2 o'clock P.M.

Recorder of Lewis & Clark County, State of Montana.

By C. Kyriakides
Deputy

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 12 1970

MONTANA WATER RESOURCES BOARD
Groundwater Division
Mitchell Building
Helena, Montana 59601

Recently a copy of a groundwater appropriation form,

___ GW 1, Notice of Appropriation of Groundwater

X GW 2, Notice of Completion of Groundwater Appropriation by means of Well

___ GW 3, Notice of Completion of Groundwater Appropriation without Well

___ GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Richard W. Barnett Address 5820 N. Montana Avenue Helena, Montana 59601

Location T. 10N., R. 3W., Sec. 6 Document No. 207730

___ The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

X The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate use of water withdrawn (i. e. domestic, stock, irrigation, etc.)

___ Other.

___ County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

Douglas S. Smith

35 R5 o'clock ___ P.M.

WATER

Show exact depth of bottom.

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

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.

100
Driller's License Number

A. R. Wilber
Driller's Signature.

4-4-85

Approved Stock Form—State Publishing Co., Helena, Montana—5602

T.... R....

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 ....Address ....

Driller A. F. WELCH Address HELENA

Date of Notice of appropriation of groundwater ....

Date well started APR 1 Date completed 19-1967

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 ☐

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 SAND & GRAVEL

20 - WATER

40 SAND & GRAVEL

65 - WATER

75 SAND & GRAVEL

85 WATER

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	1 5/8 1910	0	85	NO		

Static Water Level for non-flowing well 50 feet

Shut-in Pressure for Flowing Well NO

Pumping Water Level 50 feet at 40 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

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

NO

N W E S

¼ ¼ Sec. ... T. ... R. ...

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

Doc. No. 207230

Filed for record this 7 day of January A. D. 19 70, at 1:45 o'clock P.M.

(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).

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.

100

Driller's License Number

A. F. Welch

Driller's Signature

Approved Stock Form—State Publishing Co., Helena, Montana—456

T.....R.....

County Lewis & Clark

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 [illegible] Address [illegible]

Driller A. F. WELCH Address HELENA

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

Date well started APR 16 Date completed 19-1967

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

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

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

LOG

Top of Ground

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

0 SAND & GRAVEL

42 - WATER

42 SAND & GRAVEL

65

65 - WATER

SAND & GRAVEL

85

85 WATER

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 1916	0	85	NO		

N
W E
S

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

NE ¼ NE ¼ Sec. 4 T. 11 N. R. 3 W.

Static Water Level for non-flowing well 50 feet

Shut-in Pressure for Flowing Well NO

Pumping Water Level 80 feet at 40 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff) NO

(Continue on reverse side)

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

Doc. No. 207730

Filed for record this 7 day of January A. D. 19 70, at 1:45 o'clock P. M.

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

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

100
Driller's License Number

A. F. Welch
Driller's Signature

GW 2

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

File No.....

T.....R.....

TRIPLICATE

County Lewis & Clark

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)

LOG

Top of Ground

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

0 SOIL

2 GRAVEL & ROCK

14 SAND & GRAVEL

28 WATER

38 SAND & GRAVEL

63 WATER

72

Show exact depth of bottom.

Owner [illegible] Address [illegible]

Driller A. F. WELCH Address HELENA

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

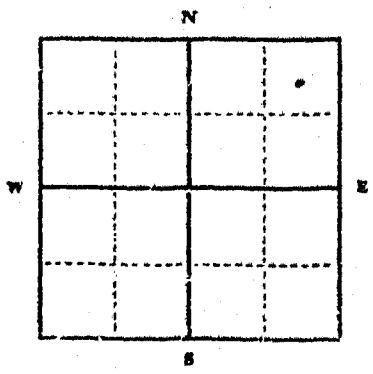
Date well started MAY 26 Date completed 2-2-1964

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 ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7	7 32 LB	0	42	NO		



Static Water Level for non-flowing well 40 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 40 feet at 40 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff) NO

Doc. No. 262728 ¼ Sec. T 10 N R 3 W

Filed for record this 7 day of January A. D. 19 70 at 1:35 o'clock P.M.

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).

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.

A-2100
Driller's License Number

A. F. Welch
Driller's Signature.

16033

20 1238

Filed
Recorded
Indexed

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed for record this 2nd day of Jan, A.D. 1970 at 2:35 min. past 1 o'clock P.M.

Records of Lewis & Clark County, State of Montana

Deputy Recorder

By C. Schmidt
Deputy

2nd

MONTANA WATER RESOURCES BOARD
Groundwater Division
Mitchell Building
Helena, Montana 59601

Recently a copy of a groundwater appropriation form,

___ GW 1, Notice of Appropriation of Groundwater

X GW 2, Notice of Completion of Groundwater Appropriation by means of Well

___ GW 3, Notice of Completion of Groundwater Appropriation without Well

___ GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Richard W. Barnett Address 5820 No. Montana Avenue Helena, Montana 59601

Location T. 10N., R. 3W., Sec. 6 Document No. 207728

___ The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

X The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate use of water withdrawn (i.e. domestic, stock, irrigation, etc.)

___ Other.

___ County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

Douglas B. Smith

63 WATER
13

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.

A-2100
Driller's License Number

A. B. Martin
Driller's Signature

76032

Approved Stock Form—State Publishing Co., Helena, Montana—5542

T.....R.....

County Lewis & Clark

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)

LOG

Top of Ground

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

0 SOIL

2 GRAVEL & ROCK

14 SAND & GRAVEL

38 WATER

55 SAND & GRAVEL

63 WATER

73

Show exact depth of bottom.

Owner [illegible] Address [illegible]

Driller A. F. WEICK Address HELENA

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

Date well started MAY 16 Date completed 27-1964

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 ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7	7 3216	0	42	NO		

N
W E
S

Static Water Level for non-flowing well 14 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 22 feet at 40 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) NO

Dec. No. 207222 Filed for record this 7 day of January A.D. 19 70 at 1:35 o'clock P.M.

NE Sec. T 10 N R 3 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).

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.

A-2100
Driller's License Number

A. F. Weick
Driller's Signature.

4023

Approved Stock Form—State Publishing Co., Helena, Montana—4582

R.

County Lewis & Clark

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)

LOG

Top of Ground

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

0 SOIL

2 GRAVEL & ROCK

4 SAND & GRAVEL

38 WATER

48 SAND & GRAVEL

63 WATER

68 Show exact depth of bottom.

Owner [illegible] Address [illegible]

Driller A. F. WELCH Address HELENA

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

Date well started MAY 1[illegible] Date completed 27-1964

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 ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7	7 32 LB	0	42	NO		

N W E S

Static Water Level for non-flowing well 14 feet

Shut-in Pressure for Flowing Well NO

Pumping water level [illegible] feet at 14 12 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff) NO

Doc. No. 20 2 28 NE ¼ NE Sec. T10N R3W

Filed for record this 7 day of January A.D. 19 70, at 1:35 o'clock P.M.

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).

Driller's License Number A-2100

Driller's Signature A. F. Welch

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.

16032

GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
MAY 7 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Lewis & Clark

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 RICHARD W. BARNETT

Address 5820 N. MONT.
HELENA, MONT.

Date well started MAR. 18-73
completed MAR-20-73

For Administrator's Use
File 234448
May 3, 1973
GW 1 9:35 a.m.

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

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

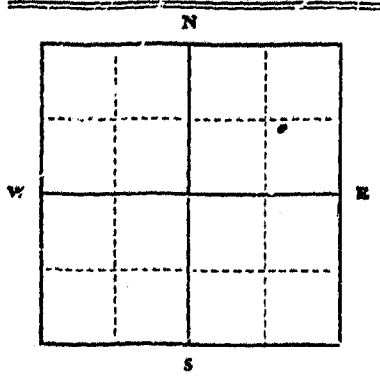
Water Use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe .....

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

ESTIMATED ANNUAL WITHDRAWAL 2920000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 16LB	0	66	NO		



SE ¼ NE ¼ Sec. 6
T. 10 N R. 3 E
(LOT 4 - BLOCK 9 - College Addition)

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

Static water level 15 ft.*
Pumping water level .....ft.*
at .....gallons per minute,
measured .....minutes after pumping began.
*Measured from ground level.
Well developed by BAILER
for 2 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) .....
NO

Driller's Signature A. J. Welch
Driller's Address 980 RINAY, RD.
HELENA, MONT LICENSE NO. 100

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	42	SAND & GRAVEL MIXED WITH CLAY
	42	WATER
42	66	SAND & GRAVEL
	66	WATER

66 Show exact depth of bottom

53,083

234448

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within in-
strument was filed in my office on
this 3 day of May
A.D. 19 73 at 3 5 min past
9 o'clock A.M.
Records of Lewis & Clark
County, State of Montana.

County Recorder

By

Deputy

20

Indexed
Recorded
Compared

GW 2

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

File No.....

RECEIVED

MAY 7 1973

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

T. 10N R. 3W

DUPLICATE

County Lewis & Clark

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)

Owner Richard H. Barnett Address 5820 N. Mont Ave

Driller A.F. Walsh Address Helena, Mont.

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

Date well started July 1 Date completed July 3, 1969

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 ☐

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

Top of Ground

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

0

Sand & Gravel

42

42 Water

42

Sand & Gravel

65

65 Water

65

Sand & Gravel

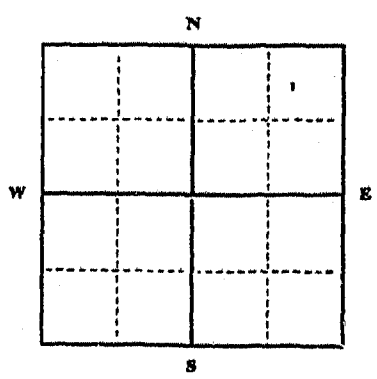
86

86 Water

86

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
65/8	65/8 19 Lbs	0	86		No	



NE 1/4 NE Sec. 6 T. 10N R. 3W

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

Static Water Level for non-flowing well 60 feet.

Shut-in Pressure for Flowing Well No

Pumping Water Level 86 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well No

How Tested Bailer

Length of Test 2 Hrs.

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

None

(Continue on reverse side)

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

Doc. No. 234449
Filed for
this 3rd day May
A. D. 19 73 at 9:00
o'clock A.M.

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

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

100
Driller's License Number

A. F. Walsh
Driller's Signature.

53,082

234449

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on the day of May at 20 min. past 9 o'clock AM and recorded on page ____ of Book ____ Records of Lewis and Clark County, State of Montana.

County Recorder

By ____ Deputy

$20.00

GW 2

STATE WATER CONSERVATION BOARD

Leaved Stock Form—State Publishing Co., Helena, Montana—42329

File No.

APR 4 1966

T. 10 N R. 3 W

DUPLICATE

County Lewis + Clark

LOG

Billie — McDermott
Coyle — Sullivan
Darlinton
Dickert

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Guy A. Betts Address Four Corners R.D. Helena

Driller Price & Lindsay Address Clancy

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

Date well started May 24, 1963 Date completed May 26, 1963

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 ☐

0 to 2' soil sand, some gravel

2 to 12' firm coarse gravel

12 to 25' tight clay bound gravel

25 to 28' clay

28 to 39' firm silty gravel, some sand

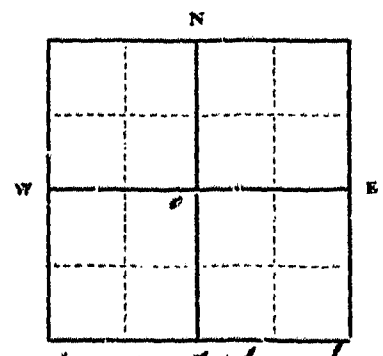
39 to 42' very silty sand and gravel

42 to 45' fairley clean gravel

35' Some water
39' very silty

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" O.D. 15 lb.	0	45'	—	—	—



a tract of land

N ½ NE SW ¼ Sec. 6 T. 10 R. 3

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

Static Water Level for non-flowing well 12 feet.

Shut-in Pressure for Flowing Well —

Pumping Water Level 28 feet at 30 gal. per minute.

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

How Tested bailer

Length of Test 2 hrs.

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).

Domestic and irrigation

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.

38
Driller's License Number

Robert Price
Driller's Signature

40938

176375

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss.

I hereby certify that the within instrument was filed in my office on the 28th day of Mar A.D. 19 66 at 30 min. past 8 o'clock A.M. and recorded in Book [illegible] of [illegible] County, [illegible]

Lorraine C. Runnel
County Recorder

Lorraine C. Runnel
Deputy

2:00

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Lewis and Clark

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 Chris Bomar

Address Helena Valley
1040 Sun Valley Road

Date well started 9-16-72
completed 9-18-72

For Administrator's Use
File 231594
Jan. 9, 1972
10:30 A.m.
GW 1

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

Equipment used Churn
(Churn drill, rotary or other)

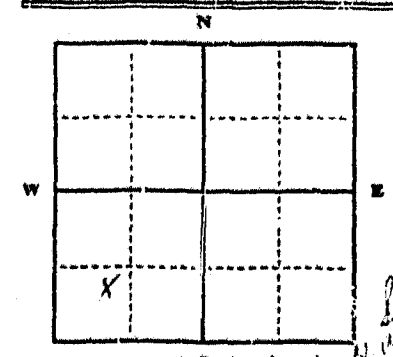
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 80,000.00

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6''''	1716	47		NONE		



Riddock Sub-Div Lt P Blk 2
N½ S.E.¼ S.E.¼ Sec. 6
T. 10 (N) R. 3 (E)
S W

Static water level 14 ft.*
Pumping water level 35 ft.*
at 25 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 2 hours.
Power Elec. Pump ½ 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 Wesley Lindsay

Driller's Address Clancy Montana

LICENSE NO. 38

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	6	Topsoil Gravel (Ditch)
6	23	Gravel & Clay
23	29	Clay
29	36	Gravel & Clay
36	45	Sand & Soil
45	47	Gravel

47 Show exact depth of bottom

52,209.

231594

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 9 day of Jan A.D. 19 23 at 30 min. past 10 o'clock A.M. and recorded on page _____ of Book _____ of _____ Records of Lewis and Clark County, State of Montana.

Clerk and Recorder

By J. Thomas
Deputy

Fee 4.00

GW 2

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

File No.....

T. 10 N. R. 3 W.

DUPLICATE

County

RECEIVED NOV 20 1963

STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

0 - 14' loose gravel
14 - 21' firm coarse gravel
21 - 32' firm sand and gravel some silt
32 - 38' silty gravel considerable sand, some clay
38 - 41' firm clean gravel, some sand

32 to 38' some water very silty

Owner John Burkland Address 990 Mill Road

Driller Price and Lindsay Address Clancy, Mont.

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

Date well started Aug. 15, 62 Date Completed Aug. 18, 62

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
	6 5/8" o.d. 17 lb.	0	41			

N
W E
S

.....¼..... Sec. 6 T. 10 R. 3

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

Static Water Level for non-flowing Well 12 feet.

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

Pumping Water Level 20 feet at 30 gal. per minute.

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

How Tested bailer Length of Test 2 hrs

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

Show exact depth of bottom.

38
Driller's License Number

Robert Price
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.

149919

Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 18th day of Nov. A.D. 19 63 at 50 min. past 8 o'clock A. M.

Records of Lewis & Clark County, State of Montana

County Recorder

By Lorraine C. Russell
Deputy

$ 2.00

G

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

File No.

T. 10 N R. 3 W

DUPLICATE

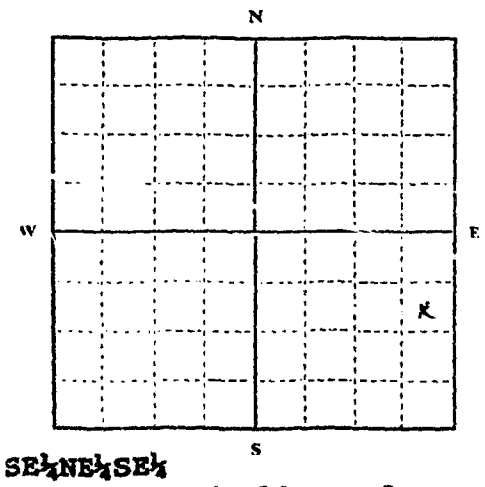
County Lewis and Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ETHEL E. BUTLER (Name of Appropriator), of 5358 Montana Avenue (Address) Helena (Town)
County of Lewis andClark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE¼NE¼SE¼ ¼ Sec. 6 T. 10 R. 3

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, lawn and garden Trailer Court

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 10, 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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 1/2 acre lawn and garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 3/4 H.P. electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Start drilling Sept. 2, 1960 completed Sept. 4, 1960

8. The depth of water table 14 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" casing 57 feet deep

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

11. The log of formations encountered in the drilling of each well if available 0-21 feet gravel - 21-43 clay hardpan, 43-57 feet 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 Ethel E. Butler

Date Dec. 19, 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.

14936

151170

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF [illegible] } SS.

I hereby cert[illegible] within instrument was [illegible] office on this 20 [illegible] A.D. 1963 10 min. past 12 o'clock a.m.

[illegible] of Lewis & Clark County, State of Montana.

Eileen Daniels
County Recorder

By Myrtle Lossi
Deputy

$2.00 pd

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4564 3

File No.....

MONTANA WATER RESOURCES BOARD
RECEIVED
OCT 30 1967

T. 10N R. 3W

DUPLICATE

County Lewis & Clark

6

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0 to 5 ft. topsoil & gravel

5 to 19 ft. gravel

19 ft to 29 ft. hardpan

29 ft. to 33 ft. clay

33 ft. to 43 ft.
Clay & gravel

43 ft to 44 ft.
clean gravel

Show exact depth of bottom.

Owner Violet B. Calmettes Address 1139 Leslie Helena, Montana

Driller Wesley Lindsay Address Clancy, Montana

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

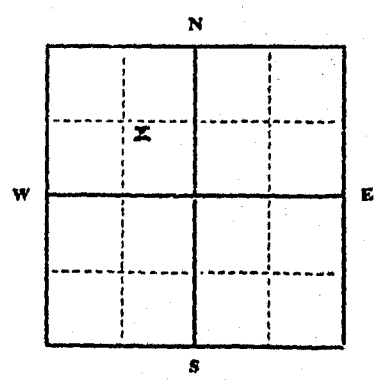
Date well started August 3, 1967 Date completed August 5, 1967

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 ☐

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"	17 lb.	0	44	none		



SW¼NW Sec. 6 T. 10N R. 3W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 14 feet.

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

Pumping Water Level 28 feet at 20 gal. per minute.

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

How Tested bailer

Length of Test 2 hrs.

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).

Irrigate yard and garden

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.

38
Driller's License Number

Wesley Lindsay
Wesley Lindsay
Driller's Signature.

42,422

190603

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 6th day of Oct. A.D. 19 67 at — min. past 1 o'clock P M.

Records of Lewis & Clark County, State of Montana.

Ellen Daniel
County Recorder

By Phyllis Swanson
Deputy

$2.00

GW 2

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

File No.....

T. 10 N R. 3 W

DUPLICATE

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 13 1964 STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0 to 42 ft.

Sand & Gravel

with Clay

42 ft Water Gravel

25 gal per Minutte

Owner Carlson G. Carson Address 5206 N Mont Ave

Driller Walter Ridlock Address Helena, Mont

Date of Notice of Appropriation of Groundwater 7-9-63

Date well started 7-5-63 Date Completed 7-9-63

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	15# 6"	0	42			

N

W E

all lot 3 + south 4.77 ft lot 2 Blk 1 Ridlock Subdivision

.....¼..... Sec. 6 T. 10 R. 3

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

Static Water Level for non-flowing Well 16 feet.

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

Pumping Water Level 21 feet at 25 gal. per minute.

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

How Tested Bailer Length of Test 2 hr.

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

Show exact depth of bottom. 42 ft.

Mont Lic No 49
Driller's License Number

Walter Ridlock
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.

31366

152308

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within instrument was filed in my office on this 10 day of Jan A.D. 19 62 at 42 min. past 11 o'clock A M.

Records of Lewis & Clark County, State of Montana.

Helen Daniel
County Recorder

By M. Lane
Deputy

$ 2.00

G

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

File No. .....

T. 10 N R. 3 W

DUPLICATE

County Lewis & Clark

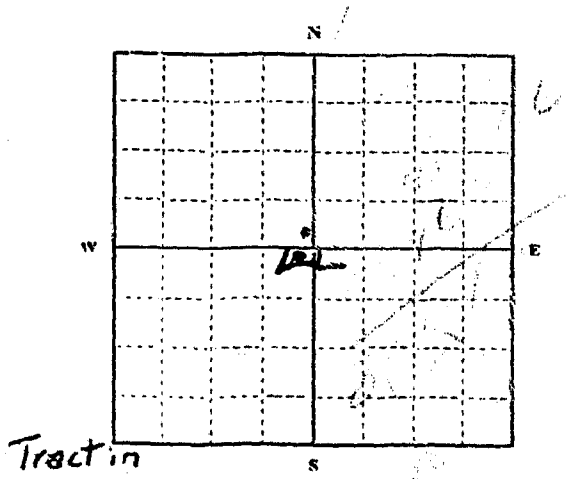
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 17 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. C. R. Cerney (Name of Appropriator), of Forestvale Road (Address) Helena (Town) Mont.
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Tract in N½NE¼SW¼ Sec. 6 T. 10N R. 3W

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 garden irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug. 1 1963
Has been used steady

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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
Just for Garden & Lawn

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 Started drilling in July and was in use the first of August

8. The depth of water table 110 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled hole 6 1/4 in D. Height of casing 17 1/2 drilled from 0 to 37 ft.

10. The estimated amount of groundwater withdrawn each year Unknown approx 376,800

11. The log of formations encountered in the drilling of each well if available 5 to 14 ft Coarse Gravel 14 to 25 ft Hard Pan 25 to 36 ft Clay 36 to 40 ft Silt Sand 40 to 43 gravel & 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 C. R. Cerney

Date Dec. 12, 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.

9690

Indexed
Recorded
Compared

150801

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 13 day of Dec A.D. 1963 at 40 min past 9 o'clock A.M. Records of Lewis & Clark County, State of Montana

Helen Zanich
County Recorder

By Norma Kelley
Deputy

2.00

GW 2

File No.

TRIPLICATE

RECEIVED

SEP 20 1969

Approved Stock Form—State Publishing Co., Helena, Montana—50551

T 10 R 3

County L & C 6

LOG

Top of Ground

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

0-3 ft. topsoil & gravel

3 ft. to 18 ft. gravel

18 ft to 24 ft Clay

24 ft. to 44 ft hardpan

44 ft to 46 ft gravel

Show exact depth of bottom.

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 Ralph H. Coffey Address 1110 Millbrook Helena Mont

Driller Wes Lindsey Address ~~Helena Mont~~ Clancey Mont

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

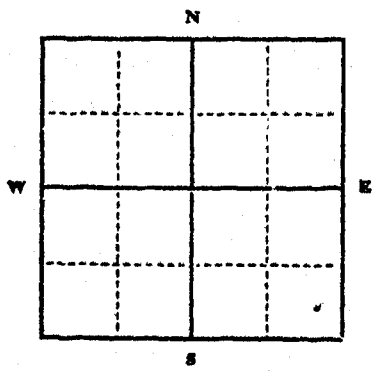
Date well started Aug 22 Date completed Aug 24-69

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 ☐

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"	17b	0	46		none	



SE¼ SE¼ Sec. 6 T. 10N R. 3W

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

Static Water Level for non-flowing well 11 feet.

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

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

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

How Tested Bailer

Length of Test 2 hr

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).

irrigate yard & garden

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.

38

Driller's License Number

Wesley Lindsey

Driller's Signature.

4 5674

205681

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 12 day of Sept A.D. 19 69 at 30 min. past 8 o'clock A.M.

Records of Lewis & Clark County, State of Montana.

Helen Romich
County Recorder

By Carol Shute
Deputy

$ 2.00

GW-

File No.....

DUPLICATE

T. 10 N R. 3-W

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 21 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961) 9/7 Foundwell Law

Owner Howard Conn Address Helena Valley

Driller Price and Lindsay Address Clancy, Mont

Date of Notice of Appropriation of Groundwater June 18, 1962

Date well started June 16 Date Completed June 18 1962

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 ☐

Top of Ground

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

6 ft Pit

6 ft to 15 ft Large gravel and Clay

15 ft to 26 ft Hard pan

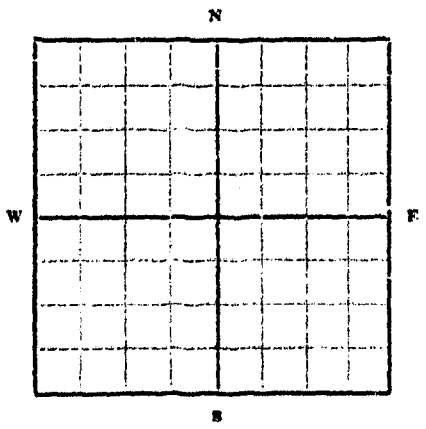
26 ft to 38 ft (Clay)

38 ft to 40 ft - silty sand

40 ft to 41 - gravel

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 1/4	15 lb	6 ft	41 ft	none		



.....¼..... Sec. 6 T..... R.....

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

Lot 5 Jennings Sub Div

Show exact depth of bottom.

Static Water Level for non-flowing Well 10 feet.

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

Pumping Water Level 18 feet at 15 gal. per minute.

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

How Tested Bailer Length of Test 2 hrs

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

yard and garden

38

Driller's License Number

Wesley Lindsay

Driller's Signature

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

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

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

35613

155-178

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss.

I hereby certify that the within instrument was filed in my office on this 10 day of April A.D. 19 64 at 30 min. past 8 o'clock A M.

Records of Lewis & Clark County, State of Montana.

County Recorder

Deputy

2:00

—Helena Independent Record

File No.

DUPLICATE

T. 10 N. R. 3 W.

County Lewis & Clark

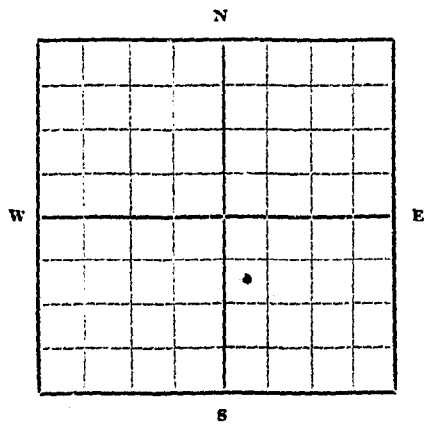
RECEIVED JAN 9 1964 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Jack L. Crider & Maxine M. Crider of 5320 Kerr Lane Helena
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE¼ Sec. 6 T10N R3W.

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

2. The beneficial use on which the claim is based household, irrigation & horses.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Feb. 1, 1960 Continuous use since completion

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gals. 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 1-acre, lawn & trees

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal drilled well & pump west side of house

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Jan. 15, 1960 to Feb. 1, 1960

8. The depth of water table 19 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 6" Casing 43.5'

10. The estimated amount of groundwater withdrawn each year 300,000 gals.

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

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 Jack L. Crider & Maxine M. Crider

Date December 27, 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.

2893 4

152004

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within Instrument was filed in my office on this 7 day of Jan A.D. 19 64 at 15 min. past 2 o'clock P M.

Records of Lewis & Clark County, State of Montana.

Helen Konicek
County Recorder

By M Goss
Deputy

$2.00

RECORDED
INDEXED

GW 2

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

6

File No.....

STATE WATER CONSERVATION BOARD

AUG 15 1966

T. 10N R. 3W

County L & C

DUPLICATE

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0 - 5 feet
Top soil & gravel

5 - 22 feet
gravel & sand

22 - 34 feet
Clay & gravel

34 - 41 feet
~~Sand~~ Hard pan

41 - 45 feet
Sand

45 - 46 feet
gravel & Sand

Show exact depth of bottom.

Owner RAY CROCKER Address Helena Mont

Driller Price & Lindsay Address Clancy Mont

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

Date well started June 8-66 Date completed June 10-66

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 ☐

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 1/4"	17 LB.	0	46	none		

N
W E
S

.....1/4.....Sec..... T..... R.....
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 12 feet.

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

Pumping Water Level 30 feet at 20 gal. per minute.

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

How Tested Bailer

Length of Test 2 hrs.

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).

Domestic - yard & Garden
1/2 acre (Coldwater)
Lot 9 Block 1 Sub-Division 1

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.

38
Driller's License Number

Wesley Lindsay
Driller's Signature.

41,309
~~41,309~~

180482

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 7 day of Aug A.D. 19 66 at 2 40 min. past 1 o'clock P M.

Records of Lewis & Clark County, State of Montana

Helen Lamich
County Recorder

By M Loss
Deputy

$ 2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4855, 3

File No.....

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 26 1969

T. 10 N. R. 30 E.

TRIPLICATE

County Lewis & Clark

LOG

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 Henry Wilber Corp (CSONE) Address 5575 N. MONT Helena Montana

Driller Wesley Lindsay Address Clancy Montana

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

Date well started ..... Date completed .....

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 ☐

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

Top of Ground

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

0 – 5 ft
topsoil + gravel

5 ft to 14 ft
coarse gravel

14 ft to 18 ft
hardpan

18 ft to 38 ft
clay + silt

38 ft to 40 ft
sand

40 ft to 41 ft
gravel

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6	17 lb	0	41		None	

N
W E
S

NE ¼ Sec. 6 T. 10 R. 3

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

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

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

Pumping Water Level ..... feet

at ..... gal. per minute.

Discharge in gal. per min. of flowing well Bailer

How Tested .....

Length of Test .....

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). Irrigate grass + garden

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.

38
Driller's License Number

Wesley Lindsay
Driller's Signature.

45673

205718

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on the 12 day of Sept 1989 at 3:35 min. past 3 o'clock P.M.

Records of Lewis & Clark County, State of Montana

County Recorder

By Carol White
Deputy

Fee $10.00

G

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

File No.....

T. 10 N. R. 3 W

DUPLICATE

County Lewis & Clark

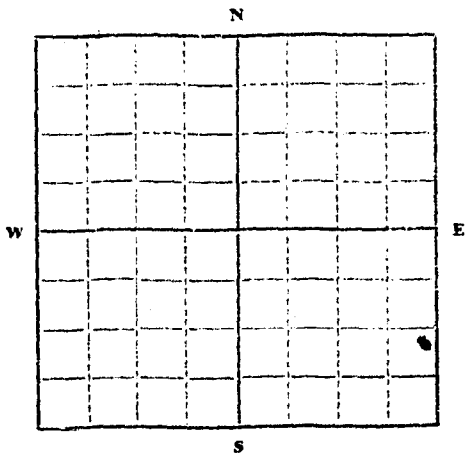
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 4 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Kieran E. + Nilma J. Daly, of 5190 N. Montana Helena
(Name of Appropriator) (Address) (Town)
County of Lewis + Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ SE Sec. 6 T. 10 R. 3

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 general household use + irrigation of trees, lawn and garden

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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 1½ acres of yard and trees, garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal deep water cased well: jet pump electric 1½ HP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 1949 completed August 1949

8. The depth of water table 48

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" cased well - 48' deep

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

11. The log of formations encountered in the drilling of each well if available 1st 36' gravel - 36' to 42' tight clay - dry hole 42' to 48' sand and gravel

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

Kieran E. Daly
Signature of Owner Nilma J. Daly

Date 10/28/63

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.

1497511

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 30th day of Oct A.D. 19 63 at 45 min. past 12 o'clock P.M. and recorded on page ___ of Book ___ of ___ Records of Lewis and Clark County, State of Montana.

Helen Dorrick
County Recorder

By Lorraine A. Russell
Deputy

$ 2.00

Index
Abstracted
Compared

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUL 3 1973
MONTANA DEPARTMENT OF NATURAL [redacted]

County Lewis & Clark

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 Charles Dickert

Address Helena
1060 Sun Valley Rd
Valley

Date well started Aug 28-71

completed Aug 30-71

For Administrator's Use	
File	156444
	June 29, 1973
GW 1	10 10 A

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

Equipment used Churn (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

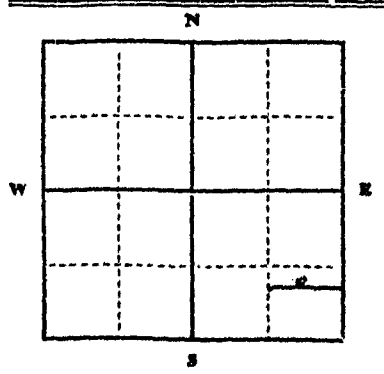
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 30,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	17 lb	0	42	none		



Static water level 11 ft.*
Pumping water level 30 ft.*
at 25 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by
for 2 hours.
Power Elec Pump 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

N 1/3 SE 1/4 SE 1/4 Sec. 6
T. 10 (N) S R. 3 E (W)

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

Driller's Signature Wesley Lindsay

Driller's Address Clancy Montana

LICENSE NO. 38

Lot 6 in Block 2 of Riddock Subdivision

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	5	Topsoil & gravel
5	18	gravel & Clay
18	28	gravel & Sand
28	41	Clay & gravel
41	42	Clean gravel

42 Show exact depth of bottom

20.6 Acres

54751

236444

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on the 29 day of June A.D. 19 73 at 10 min. past 10 o'clock A.M.

Records of Lewis & Clark County, State of Montana.

Helen Donich
County Recorder

Carol Erickson
Deputy

2.00

RECEIVED

RECEIVED FOR RECORDING
MONTANA DEPARTMENT OF REVENUE

GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED

County Lewis & Clark

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 Milton R. Dykstra

Address 5440 Robin Drive

Helena, Montana

Date well started Sept. 4, 65

completed Sept. 5, 1965

For Administrator's Use
File 234702
MAY 14, 1973
GW 1 3:05 p.m.

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

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

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

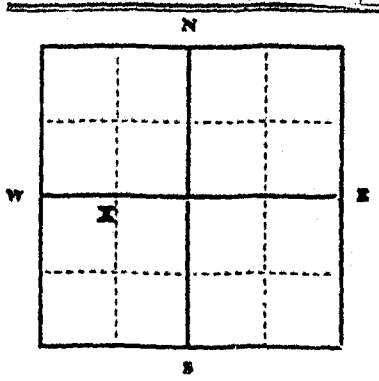
Industrial [ ] Drainage [ ] Other [ ]* Garden/Lawn [ ]

*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)
5/8	6 5/8 17 lb.	0	37			



NW ¼ SW ¼ Sec. 6
T. 10 N R. 3 E
S W

Static water level 28 ft.*
Pumping water level 35 ft.*
at 15 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 2 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 A. F. Welch

Driller's Address 980 RIVAY RD

HELENA LICENSE NO. 100

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	Soil
2	36	Sand & Gravel
36	37	Water

37.6 Show exact depth of bottom

53.204

234709

Indexed
Recorded
Mailed

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 14 day of May A.D. 19 73 at 05 min past 3 o'clock P M.

Records of Lewis & Clark County, State of Montana

Clerk & Recorder

By Carol Erickson
Deputy

2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—3849c

File No.....

T. 10 North R. 3 West

DUPLICATE

County Lewis + Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JUN 18 1962 STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Samuel T. + Bonna R. Elford Address Forestvale Road Helena, Montana

Driller Price + Lindsay Address Clancy, Montana

Date of Notice of Appropriation of Groundwater Oct. 2, 1962

Date well started Oct. 1, 1962 Date Completed Oct. 2, 1962

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Churn Drill (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.....)

0 – 6 ft. – Pit

6 ft. to 18 ft. – gravel

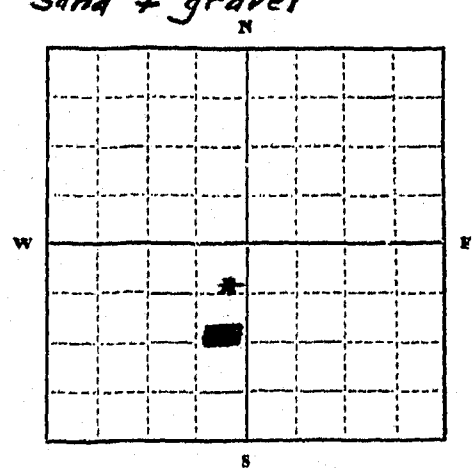
18 ft. to 26 ft. – gravel + Hardpan

26 ft. to 31 ft. – Clay

31 ft. to 40 ft. – Clay + gravel

40 ft. to 41 ft. – Sand + gravel

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6¼ i.d.	15 lb.	0	36 ft.			



NE¼NE¼ SW¼ Sec. 6 T. 10N. R. 3 West

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 12 ft. feet.

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

Pumping Water Level 16 feet at 15 gal. per minute.

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

How Tested Bailer Length of Test 2 hrs.

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

38
Driller's License Number

Wesley Lindsay
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.

4643

145121

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss.

I hereby certify that the within instrument was filed in my office on this 17 day of June A.D. 1966 at 65 min. past 9 o'clock 9 M.

Records of Lewis & Clark County, State of Montana.

County Recorder

By B Strand Deputy

2 00

GW 2 Revised 1969
13—3M—10/69

County Lewis and Clark

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 Cherrie L. Evans

Address 606 Stadler Road
Helena, Montana

Date well started 10/70
completed 10/70

For Administrator's Use
File 236509
June 29, 1973
GW 1 11:15 A.M.

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

Equipment used churn
(Churn drill, rotary or other)

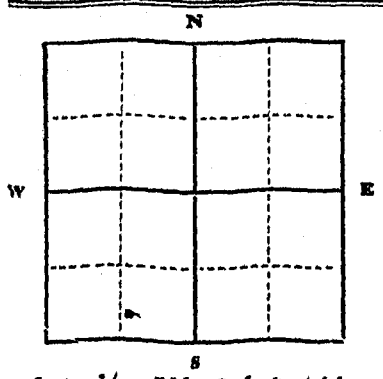
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 70,000.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6¾"	17lb	0	45	none		



Static water level 14 ft.*
Pumping water level 35 ft.*
at 20 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by boiler
for 2 hours.
Power Electric Pump 1 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Lot 14, Blk 2 1st Add. of Big Sky Subdivision
SE ¼ SW ¼ Sec. 6
T. 10 N (S) R. 3 E (W)

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

Driller's Signature Wesley Lindsay

Driller's Address Clancy Montana

LICENSE NO. 38

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	topsoil and gravel
4	28	coarse gravel
28	33	clay (soft)
33	39	clay and gravel
39	44	silt
44	45	gravel and sand

45 Show exact depth of bottom

54759

236509

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within in-
strument was filed in my office on
this 29 day of June
A.D. 19 73 at 15 min. past
11 o'clock A.M.
Records of Lewis & Clark
County, State of Montana.

Helen Konisch
County Recorder
By Carol Erickson
Deputy

7.00

Indexed
Accepted
Returned

G\ Helena Independent Record

File No.....

DUPLICATE

T. 10 N. R. 3 W.

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

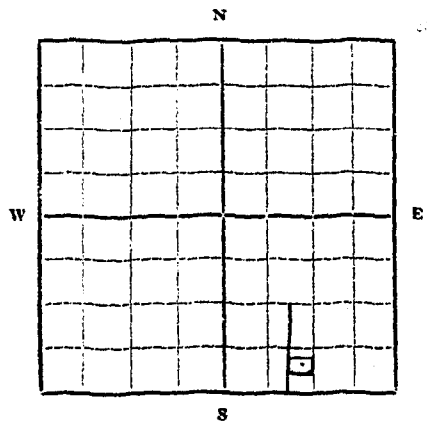
RECEIVED 1962 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ben W. & William F. Thomas, of 1075 Kim Lane Helena
(Name of Appropriator) (Address) (Town)

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



E½ SW ¼ SE¼ Sec. 6 T. 10 N. R. 3 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 & irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 20, 1958 - Continuous

4. The amount of groundwater claimed (in ~~miner's inches~~ or gallons per minute) 125 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 2 acres Mon. Mon. Co. of Helena

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 3, 1958

8. The depth of water table Surface Water at 16 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 12 in. 14 ft. steel casing, drilled Well, 42 feet deep

10. The estimated amount of groundwater withdrawn each year 2,150,000 Gal.

11. The log of formations encountered in the drilling of each well if available 0-5 Loam 5-16 Gravel & Sand 16-42 Water in 2-27 Clay 27-41 Gravel & clay 41-42 clean Gravel & 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 Filed in Lewis & Clark County Montana Book 216

Signature of Owner Ben W. Thomas

Date July 6 1962

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

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

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

1795

134308

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within instrument was filed in my office on this 7 day of July A.D. 1962 at 45 min. past 10 o'clock A M. and recorded on page ____ of Book ____ of ____ Records of Lewis and Clark County, State of Montana.

Helen Lamont
County Recorder

By C. Lipsdo
Deputy

$2.00

GW 2

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

File No.....

T. 10 R. 3

DUPLICATE

County Lewis & Clark

MONTANA WATER RESOURCES BOARD
RECEIVED
APR 1 1968

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Orring & Janette Folsom Address 106 Maynard Lane

Driller A. F. WELCH Address HELENA

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

Date well started JULY 6 Date completed 7-1967

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 ☐

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 5/8	6 5/8 16LB	0	45	NO		

0

SAND

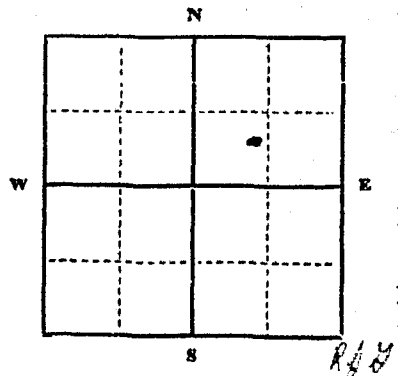
GRAVEL

45

WATER

45

Show exact depth of bottom.



Static Water Level for non-flowing well 20 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 40 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

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

NONE

E½ SW¼NE Sec. 6 T. 10 N R. 3 W

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

E½ SW¼ N½ of Sec 6-10-3

(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).

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.

100
Driller's License Number

A. F. Welch
Driller's Signature.

44,012

194447

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 15 day of March A.D. 19 66 at 35 min. past 11 o'clock A M. and recorded on page ____ of Book 8 of ____ Records of Lewis and Clark County, State of Montana.

County Recorder

By Phyllis Swanson
Deputy

$ 2.00

3 GW 2 Revised 1969
13—3M—10/69

County L & C

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 Forestvale Cemetery

Address N. Of Helena.

Date well started Nov. 3 1970

completed Nov. 6 1970

For Administrator's Use
File 214571 December 22 1970 2:10 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 ☐

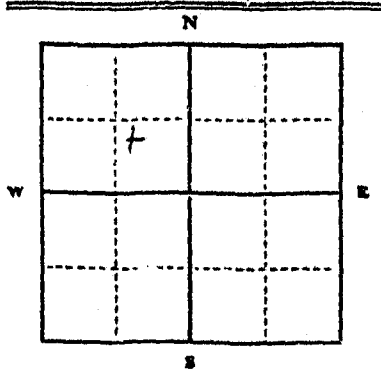
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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"	19# 6"	0	42			



Static water level 18 ft.*

Pumping water level 24 ft.*

at 20 gallons per minute,

measured 38 minutes after pumping began.

*Measured from ground level.

Well developed by bailing

for 2 hours.

Power..... Pump..... HP

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

¼ NW ¼ Sec. 6

T. 10 N/S R. 3 E/W

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

Driller's Signature Martin Riedel

Driller's Address Helena, Montana

Montana LICENSE NO. 49

DRILLER'S LOG

6

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	5	open hole
5	25	gravel and clay
25	31	tight gravel
31	39	clay
39	41	gravel and water

41 how exact depth of bottom

47982

214571

Indexed
Scanned
Checked

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } S.

I hereby certify that the within instrument was filed in my office on the 22 day of Dec 1970 at 50 min past 2 o'clock P.M.

Clerk and Recorder of Lewis & Clark County, Montana

By Carol Jackson
Deputy

2.00

C —Helena Independent Record

File No.....

DUPLICATE

T.....R.....

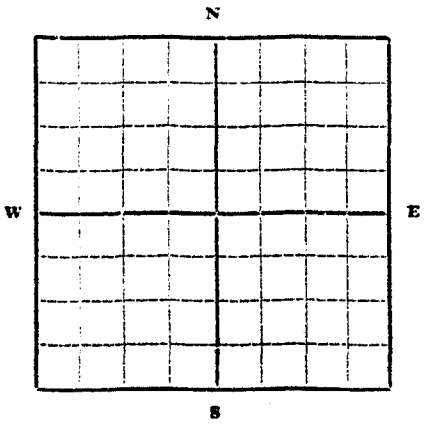
County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Forestvale Cemetery Association of North Helena, Montana
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ Sec. 6 T 10 R 5

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 and domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1890 continuous during season

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1,000 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
170 acres - Forestvale & IOOF cemeteries

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1890

8. The depth of water table varies 20 ft. to 40 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
#1 dug to 45 ft. 2 casings down to 95 ft.
#2 dug to 35 ft.
#3 drilled 4 inch casings to 40 ft.

10. The estimated amount of groundwater withdrawn each year Not known

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

Forestvale Cemetery Assn.

Signature of Owner F. M. Kelly Secy.

Date 2-21-1962

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

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

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

1573

129698

Indexed
Indexed
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within instrument was filed in my office on this 26a day of Feb. A.D. 19 62 at [illegible] min. past [illegible] o'clock [illegible] M.

[illegible] Records of Lewis & Clark County, State of Montana.

[illegible] Lomich
County Recorder

By [illegible] Russell
Deputy

$ 2.00

GV

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

File No.....

T. 10N R. 3 West

DUPLICATE

County L & C

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

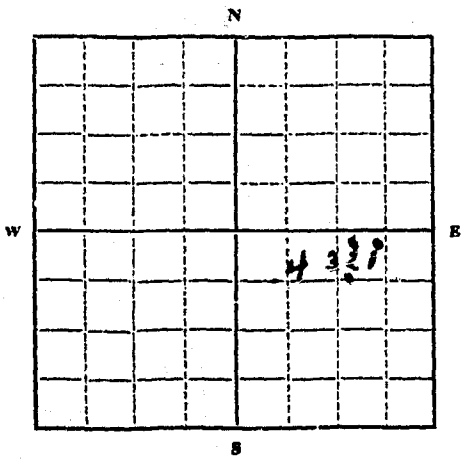
RECEIVED
NOV 14 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John W. Fredrick & Vera M. Fredrick, of Route A. Helena, Montana
(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:



NW¼ SE¼, Sec. 6, Twp 10 N., Rge 3
.....¼..... Sec..... T..... R.....

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1867 Well No. 1. Well No. 2 1953- Well No. 3 1960 Well No. 4- 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute) No. 1 30 gal per minute- No. 2- 30 gal per minute- No. 3- 35 gal per minute- No. 4- 35 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
John W. & Vera M. Fredrick
30 acres

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1-
by pumps

8. The depth of water table No 1- 10 ft. No. 2- 10 ft. No. 3- 10 ft. No. 4- 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
No. 1 6 inch casing- No. 2 6 inch casing- No. 3- 8 inch casing
No. 4- open pit 2½ intake and 2 1½ out ~~XXXX~~ lets.

10. The estimated amount of groundwater withdrawn each year continuously

11. The log of formations encountered in the drilling of each well if available
No. 1 gravel, sand, clay on all others also.

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 W. Fredrick
Date Nov. 7, 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.

70 11

149661

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within instrument was filed in my office on this 7 day of Nov A.D. 19 63 at 8 o'clock A M. 50 min. past

Clerk and Recorder of Lewis & Clark County, State of Montana.

Julia Lynch
County Recorder

By D. Lyndle
Deputy

$2.00

GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED

County Lewis & Clark

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 G. Ralph Freiburg

Address 3610 York Road
Helena Montana 59601

Date well started June 2, 1973
completed June 3, 1973

For Administrator's Use
File 235827
June 19, 1973
GW 1 10:35 P.M.

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

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

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☑

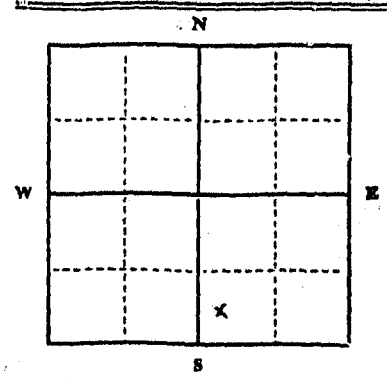
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 5/8"	6" ID 15#	+1.5'	28.1'			



Static water level 10.3 ft.*
Pumping water level 28.0 ft.*
at 45 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by bailing
for 2 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

wf SW ¼ SE ¼ Sec. 6
T. 10 N R. 3 W

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

Driller's Signature Gerald C. Mahlum

Driller's Address 220 C. Custer Ave. West
Helena, Mont. 59601 LICENSE NO. 225

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)	
0.0	2.0'	Tan Silt
2.0'	8.0'	Brown Sandy gravel
8.0'	18.0'	Brown Sandy Coarse to fine gravel
18.0'	23.0'	Brown Clayey Coarse sand
23.0	27.0	Brown Coarse sandy gravel with water
27.0'	27.5	Brown silty gravely Clay
27.5	28.1'	Brown Sandy gravel with water
	28.1'	Bottom of Hole

28.1' Show exact depth of bottom

53,258

235827

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } S:

I hereby certify that the within instrument was filed in my office on this 19 day of April A.D. 19 73 at 35 min. past 10 o'clock A.M.

Records of Lewis & Clark County, State of Montana.

County Recorder.

By Carol Erickson
Deputy

2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—41933

File No.....

DUPLICATE

RECEIVED
DEC 30 1963
STATE ENGINEER

T. 10N R. 3W

County Silver Bow

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

0 to 11 Gravel

11 to 14 Clay

14 to 30 Clay + Gravel

30 to 43 Boulders + Clay

43 to 46 Loose Gravel & Water

46

Owner Charles Sieu Address.....

Driller Hatter Riddell Address Helena, Mont.

Date of Notice of Appropriation of Groundwater 12-31-63

Date well started 12-24-63 Date Completed 12-24-63

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	15#	0	46'			

N

W E

Lot 3 - Hilton Heights Addition

.....¼..... Sec. 6 T. 10N R. 3W

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

Show exact depth of bottom. 46'

Static Water Level for non-flowing Well 21 feet.

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

Pumping Water Level 27 feet at 20 gal. per minute.

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

How Tested Bailer Length of Test 2 hrs

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

Mont. Lic. No. 47

Driller's License Number

Hatter Riddell

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.

14937

151171

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within instrument was filed in my office on this 20 day of Dec A.D. 19 63 at 15 min. past 10 o'clock A M.

Records of Lewis & Clark County, State of Montana

Helen Donnelly
County Recorder

By Myrtle Lee
Deputy

$2.00 pd.

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUL 3 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Lewis & Clark

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 Frank Glueckert

Address 5390 N Travel
Helena Mont

Date well started June 1946
completed June 1946

For Administrator's Use
File 236428
June 29, 1973
GW 1 9:54 a.m.

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

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

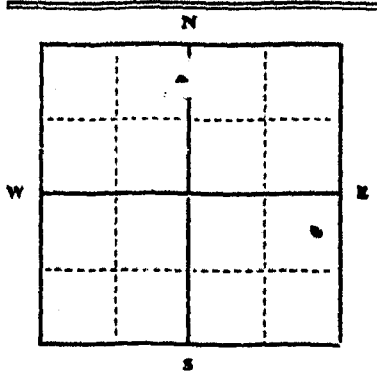
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 60,000 gallons

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



Static water level 25 ft.*
Pumping water level 35 ft.*
at 60 gallons per minute,
measured 10 minutes after pumping began.
*Measured from ground level.
Well developed by
for hours.
Power elec. Pump 3/4 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

N2 SE1/4 NE1/4 SE1/4 Sec. 6
T. 10 (N) S R. 3 E (W)

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

Driller's Signature Walter Reddocks Sr. (deceased)

Driller's Address Helena 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)	
0	2'	top soil
2'	58'	sand gravel

Show exact depth of bottom

54,825

236428

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

hereby certify that the within in-
strument was filed in my office on
this 29 day of June
A.D. 19 73 at 54 min. past
9 o'clock A.M.
Records of Lewis & Clark
County, State of Montana.

Helen Donich
County Recorder
By Carol Erickson
Deputy

2.00

GW

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

File No.....

T. 10 N. R. 3 W.

DUPLICATE

County Lewis and Clark

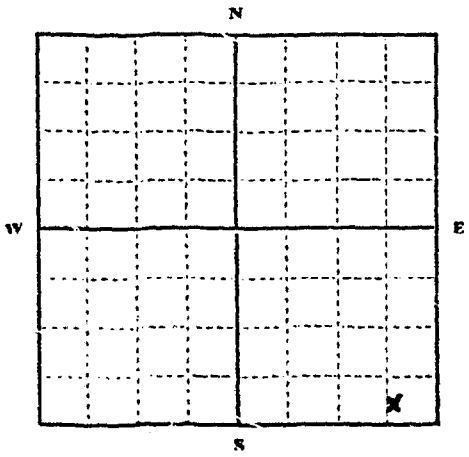
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 7 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Everett L. Hartsook (Name of Appropriator), of 920 Mill Road (Address) Helena (Town)
County of Lewis and Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SE Sec. 6 T10N R3W

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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 Home lawn and trees

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 July 9, 1958

8. The depth of water table 42 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 6" casing well 42 feet

10. The estimated amount of groundwater withdrawn each year 30,000 gallons

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 Everett L. Hartsook

Date 12/18/63

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.

26618

151 793

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within in-
strument was filed in my office on
this 6 day of Jan
A.D. 19 6 at 12 min. past
10 o'clock, A. M.
Recorder of Lewis & Clark
County, State of Montana

County Recorder

By M. Jones
Deputy

$ 5.00

GW

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

File No. .....

T 10N R 3W

DUPLICATE

County L & C

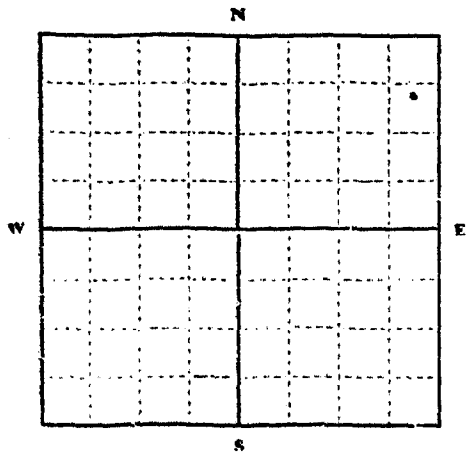
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Donal Glen and Jo Anne Hayes, of 5890 North Montana Avenue, Helena
(Name of Appropriator) (Address) (Town)

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



NE ¼ Sec. 6 T 10N R. 3W

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 Normal house-hold use, irrigation of lawn, shrubs and garden.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been House constructed and well drilled in 1949. House and well in continuous use since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Approximately 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 Limited irrigation on property as stated in Item 2 above.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump, located in Lot 1, NE¼ NE¼, Section 6, T10N, R3W, M.P.M.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Complete information not available. Assumed completion in 1949.

8. The depth of water table Varies from 8 feet to 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 Upper portion of well encased in 3 foot diameter concrete pipe with steel plate cover. Well is drilled and cased to depth of approximately 43 feet. Suction line leaves well and enters basement to pump, approximately 5 feet below ground line.

10. The estimated amount of groundwater withdrawn each year 1,752,000 gallons

11. The log of formations encountered in the drilling of each well if available 4-5 feet of top soil, 8-10 feet of gravel, 8-10 feet of clay, gravel to depth of well. Above obtained from Price & Lindsay of Clancy, well drillers, who claim this log is typical for this area.

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 Warranty Deed for this property on which well is located is recorded in book of deeds 228, Page 215, Lewis and Clark County Clerk and Recorder.

Signature of Owner Donal G. Hayes

Date Dec. 24, 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.

a.8986

152022

Enclosed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this 8a day of Jan A.D. 19 02 at 37 min. past 8 o'clock a M.

Records of Lewis & Clark County State of Montana

Helen Daniel
County Recorder

By Lonnie C Russell
Deputy

$2.00 pd

G

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

File No.....

T. 10 N. R. 3 W

DUPLICATE

County Lewis and Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

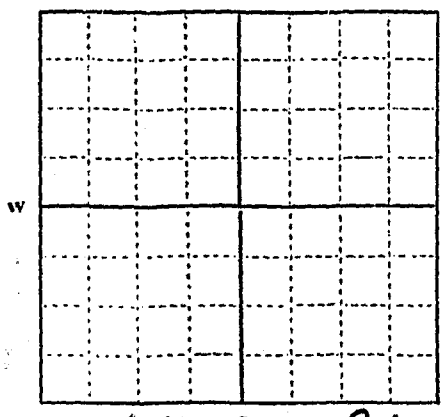
RECEIVED
JAN 16 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Clarence R. Hester and/or Judy M. Hester of 5180 Kerr Lane Helena
(Name of Appropriator) (Address) (Town)

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



Lot 8 Hiltabrand Sub Division

.....¼..... Sec. 6 T. 10 R. 3

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. 2 acres of garden and lawn irrigation. Watering of chickens.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957. Has been in continuous use since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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 Lot 8 of Hiltebrand Subdivision of L & C County. 2 acres. Clarence R. and/or Judy M. Hester

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Six inch diameter steel well casing, 40 foot depth with electric deep-well jet pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Summer of 1957.

8. The depth of water table 17 feet below ground surface.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Six inch diameter steel well casing, 40 feet in depth.

10. The estimated amount of groundwater withdrawn each year 1,971,000 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 applicable.

Signature of Owner Judy M. Hester

Date December 31, 1963

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

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

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

36202

152396

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 13 day of Jan A.D. 19 64 at 33 min. past 9 o'clock a M.

Records of Lewis & Clark County, State of Montana.

Helen Lonnick
County Recorder

by M. Loso
Deputy

$2.00

GW

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

Lots 9, 10, 11, 12, 13, 14, 15, 16, Sec. 6

File No. .....

T. 10N R. 3 West Blk 1

College Addition

DUPLICATE

County Lewis & Clark

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED JAN 8 1964 STATE ENGINEER

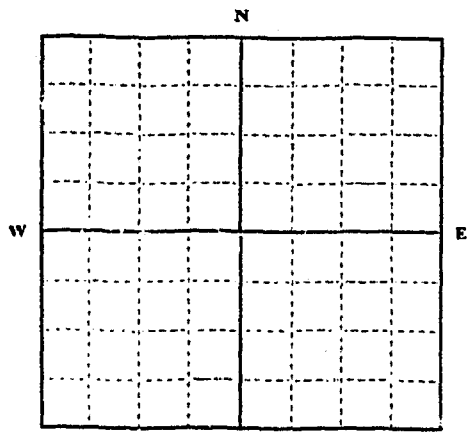
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Raymond Hilt (Name of Appropriator), of 5690 N. Montana Ave., (Address) Helena (Town)

County of Lewis & Clark State of Montana

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



Lots 9, 10, 11, 12, 13, 14, 15, 16
Blk. 1, College Addition
.....¼..... Sec. 6 T. 10N R. 3W.

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 lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been October 20, 1948 -- every day

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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

1- 1 H.P. Pump (Jet)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater October 10, 1948 - October 20, 1948

8. The depth of water table 18 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 6" well about 44 to 46 ft.

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available Top soil and small gravel 6 ft. - 6 ft. to 31 ft. gravel tight - 31 ft. to 40 ft. clay- 40 to 44 ft. loose gravel and 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 Raymond Hilt

Date 12/3/63

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.

24404

15,541

Indexed
Recorded

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 31 day of Dec A.D. 19 63 at 57 min. past 8 o'clock A.M.

Records of Lewis & Clark County State of Montana

County Recorder

By Deputy

$ 2.00

151 541

Indexed
Recorded

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 31 day of Dec. A.D. 19 63 at 58 min. past 8 o'clock A M.

Records of Lewis & Clark County, State of Montana

County Recorder

By Deputy

$

GV

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

File No.....

T. 10N R. 3W

DUPLICATE

County Lewis & Clark

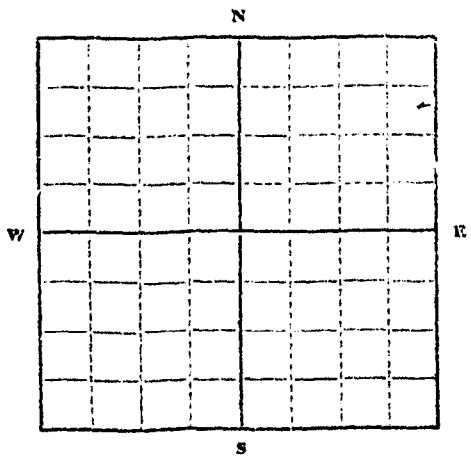
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 12 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ADAM & MABELLE HOFF, of 5720 N. MONTANA Helena
(Name of Appropriator) (Address) (Town)
County of Lewis & CLARK State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE¼ Sec. 6 T10N R.3W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
May 15 1954 continuous

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

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 April 1 1954

8. The depth of water table 18' f

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
50' deep

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available 4' top soil 15' sand & gravel 6' hard pan 6' sand & gravel 5' hard pan 15' sand & 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 Adam S. Hoff

Date 9-11-63

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.

5836.

147871

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss.

I hereby certify that the within instrument was filed in my office on this 11th day of Sept A.D. 1963 at 10 min. past 12 o'clock P M.

Records of Lewis & Clark County, State of Montana.

Helen Lovick
County Recorder

Lorraine C. Russell
Deputy

$ 2.00

GW 2 Revised 1969
13—3M—10/69

County Lewis & Clark

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 James V. Hohn

Address 599 Stadler Rd
Helena Mont.

Date well started oct 70
completed oct 70

For Administrator's Use
File 218360 June 29, 1971 1:00 PM
GW 1

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

Equipment used Churn (Churn drill, rotary or other)

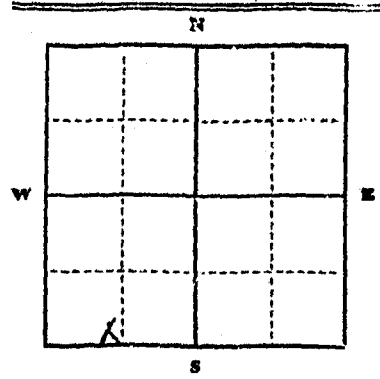
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 70,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	17/b	0	52	None		



SW¼ SW¼ Sec. 6
T. 10 N R. 3 W

Static water level 15 ft.*
Pumping water level 35 ft.*
at 20 gallons per minute,
measured 4 ~~minutes~~ Hrs after pumping began.
*Measured from ground level.
Well developed by Pump
for 9 hours.
Power Elec. Pump ½ 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 Wesley Lindsay

Driller's Address Clancy Montana

LICENSE NO. 38

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	5	Topsoil & Gravel
5	20	Gravel
20	31	Clay
31	39	Hard Pan
39	42	Sand some Gravel
42	50	Sand
50	52	Gravel & Sand

52 Show exact depth of bottom

48701

218360

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 29 day of June A.D. 19 93 at 1 min. past 1 o'clock P M.

Records of Lewis & Clark County, State of Montana.

County Recorder

By Carol Anderson
Deputy

4.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—50551

File No.....

T.....R.....

TRIPLICATE

County L & C

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 26 1969

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

0 to 15' course gravel and sand.gravel mixed with clay , 15 to 29'water

29 to 37' sand & clay

37 to 41 clay

41 to 42'6" course gravel water.

Owner Roy & Mary J. Jackson Address Helena, Montana

Driller Walter Riddock Address Helena, Montana

Date of Notice of appropriation of groundwater Sept. 4 1969

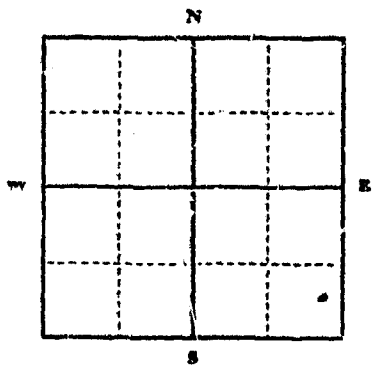
Date well started Sept. 9, 1969 Date completed Sept. 11, 1969

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)
8"	15# 6"	0	42'6"		None	



.....¼.....Sec. 6 T. 11N R. 3W

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

Static Water Level for non-flowing well 19 feet.

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

Pumping Water Level 26 feet at 20 gal. per minute.

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

How Tested Bailer

Length of Test 2 hrs.

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).

42' 6"

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.

Mont. No. 49
Driller's License Number

[signature]
Driller's Signature.

45692

205819

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 19 day of Sept A.D. 19 69 at 40 min. past 10 o'clock A.M.

Records of Lewis & Clark County, State of Montana

County Recorder

By Carol Shide
Deputy

$ 2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4232 3

File No.....

T. 10 N R. 3 W

DUPLICATE

County Lewis & Clark

6

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 Tony Jakovac Address Clancy Montana

Driller Paul Tossey Address Clancy Mont

Date of Notice of appropriation of groundwater None

Date well started Oct-65 Date completed Oct-65

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 ☐

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"	191 6	0	40	None		

LOG

Top of Ground

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

0-4 ft
Topsoil + Gravel

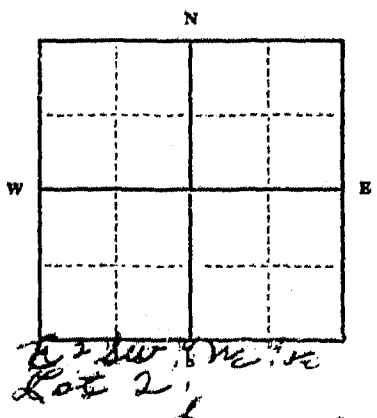
4 ft to 23 ft.
Gravel + sand

23 ft to 38 ft
gravel + clay

38 ft to 39 ft
Clay

39 ft to 41 ft
gravel + sand

Show exact depth of bottom.



.....¼..... Sec. 6 T. 10 R. 3

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

Static Water Level for non-flowing well 14 feet.

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

Pumping Water Level 38 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer

Length of Test 2 hrs

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).

Irrigate yard + garden

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.

38
Driller's License Number

W. LINDSAY
Driller's Signature

40887

175902

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss.

I hereby certify that the within instrument was filed in my office on this 8th day of Mar A.D. 1966 at 10 o'clock a m. min past

Records of Lewis & Clark County, State of Montana

Edna Lonick
County Recorder

Lorraine E Russell
Deputy

2:00

STATE WATER CONSERVATION BOARD
MAR 14 1966

Billo
Butzerin
Coyle
Davidson
Dickert

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42329 3

File No. .....

STATE WATER CONSERVATION BOARD

JUN 13 1966

T. 10 N. R. 3 W 6

DUPLICATE

County L. & C.

6

Bills ..... McDermott .....
Butcher ..... McNulty .....
Coyle ..... Morton .....
Darlington ..... Sullivan .....
Dickert .....

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0 to 25 course gravel

25 to 32 clay and gravel

32 to 46 gravelvery tight

46 to 48 loose gravel

water 20 gal per minute

Owner Ray Knapp Address N. Of Helena

Driller Walter Riddock Address Helena Mont.

Date of Notice of appropriation of groundwater 7- 8- 64

Date well started 6-28-64 Date completed 7-8-64

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"	6" 17#	0	48			

N
W E
S

Static Water Level for non-flowing well 26 feet.

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

Pumping Water Level 35 feet at 10 gal. per minute.

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

How Tested bailer.

Length of Test 2 hr.

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

N½ NE¼

BM ..... ¼ ..... Sec. 6 ..... T. 10 N. R. 3 W.

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

(Continue on reverse side)

Total Depth 48 ft.

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.

Mont. 49
Driller's License Number

Walter Riddock
Driller's Signature

41132

178965

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 6 day of June A.D. 19 66 at 9 o'clock A.M.

Records of Lewis & Clark County, State of Montana.

Helen Lomish
County Recorder

A. Kyndle
Deputy

2.00

Indexed
Recorded
Compared

GW 2

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

File No.....

DUPLICATE

T.....R.....

County Lewis & Clark

LOG

Top of Ground

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

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 [illegible] Address Helena, Mont.

Driller [illegible] Address Augusta, Mont

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

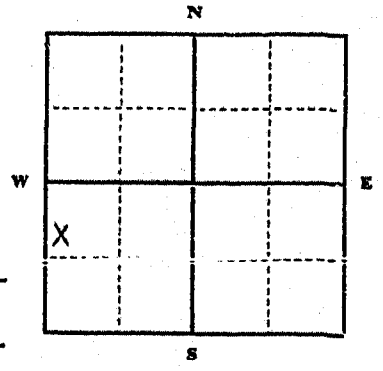
Date well started [illegible] Date completed [illegible] 17, 1966

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
[illegible]	[illegible]	[illegible]	79'	[illegible]	44'	59'



Static Water Level for non-flowing well 35' feet.

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

Pumping Water Level 25' feet

at 20 gal. per minute.

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

How Tested Bailer tested

Length of Test 3 hrs.

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

Doc. No. 220491

Filed for record

this 7 day of Sept.

A. D. 19 72, at 10:25

o'clock A. M.

N½ S½ NW¼ SW¼ Sec. 6 T. 10 N. R. 3 W.

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

Sewell Tr. 55

(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).

64'

*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.

10
Driller's License Number

E. J. Whitaker
Driller's Signature.

51,393

228491

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 7 day of Sept A.D. 19 78 at 2 min. past 10 o'clock a M. and recorded on page ____ of Book ____ of ____ Records of Lewis and Clark County, State of Montana

County Recorder

Deputy

$20

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4232

STATE WATER CONSERVATION BOARD

JAN 8 1966

File No.

T. 10 N. R. 3 W.

DUPLICATE

County Lewis & Clark

Silo ... McCone
Custer ... McRae
Cosio ... Musselshell
Darlington ... Sullivan
Dickerson

LOG

Top of Ground

(Elev. above sea level ... ±)

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 CARL LANE Address Helena, Mont. Townsdale Rd.

Driller A. F. WELCH Address HELENA

Date of Notice of appropriation of groundwater

Date well started APR 29 Date completed APR. 30-65

Type of well DRILLED (Dug, Driven, bored or drilled) Equipment used CABLE (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 5/8	6 5/8 16LB	0	39			

0

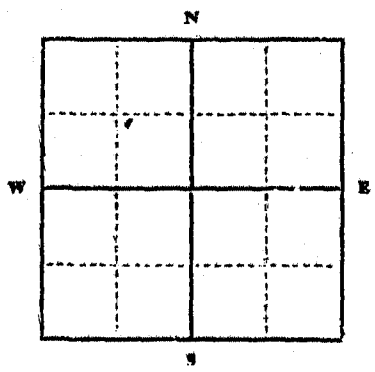
SAND & GRAVEL

39

WATER

39

Show exact depth of bottom.



N ½ NE¼ SW¼ Sec. 6 T. 10 R. 3

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

Static Water Level for non-flowing well 15 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 25 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff) NONE

(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).

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.

A. F. Welch
Driller's License Number

100
Driller's Signature

40317

173914

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 28th day of Dec A.D. 19 65 at 2 min. past 2 o'clock P.M.

Records of Lewis & Clark County, State of Montana.

Helen Lomish
County Recorder

By Lorraine E. Russell
Deputy

$ 2.00

Indexed
Entered
Compared

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Lewis & Clark

6

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 Bruce W. Lanthorn
Address 5180 Kerr Dr Helena, Mont.

For Administrator's Use
File 235927
June 21, 1973
GW 1 8:50 A.M.

Date well started Sept 3, 1959
completed Sept 6, 1959

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

Equipment used Churn (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

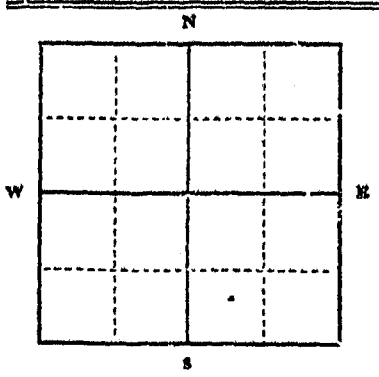
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 80,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6	17 LB	0	46	none		



E½SW ¼ SE ¼ Sec. 6
T. 10 N R. 3 E
S W

Static water level 16 ft.*
Pumping water level 33 ft.*
at 20 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 2 hours.
Power Elec Pump 3/4 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) N/A

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

Driller's Signature Wesley Lindsay
Driller's Address Clancy Montana
LICENSE NO. 38

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) 3673

From (Feet)	To (Feet)	
0	6	Basement
6	28	Gravel & clay
28	35	Clay
35	40	Hardpan
40	44	Sand & Silt
44	46	gravel

46 Show exact depth of bottom

53,814

235927

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } S:

I hereby certify that the within instrument was filed in my office on this 21 day of June A.D. 19 73 at 02 min. past 5 o'clock P.M.

Records of Lewis & Clark County, State of Montana

Helen Lonigh
County Recorder

By Carol Erickson
Deputy

2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4195

File No.....

T..... R.....

DUPLICATE

RECEIVED
DEC 30 1969
STATE ENGINEER

County L & C

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1931)

0 to 12 Loose Gravel

12 to 18 Clay

18 to 26 Loose Gravel & Water Bearing

26 to 40 Gravel & Clay.

40 to 42 Gravel & Water.

Owner Robert K Lea Address 5209 Montana

Driller Walter Reddock Address Helena Mont.

Date of Notice of Appropriation of Groundwater 3-29-61

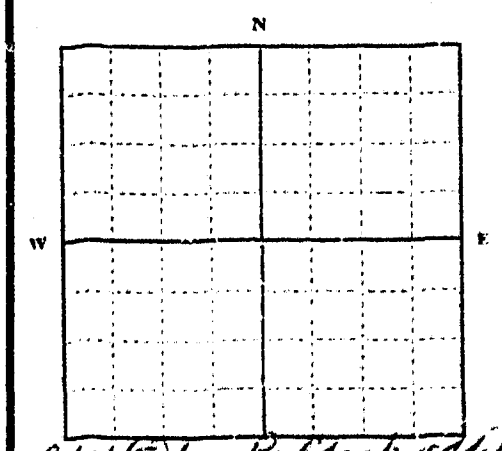
Date well started 3-25-61 Date Completed 3-29-61

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	15-#	0	42	None		



Lot 4 (5) 6 Reddock addition

.....¼..... Sec..... T..... R.....

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

Static Water Level for non-flowing Well 19' feet.

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

Pumping Water Level 26 feet at 20 gal. per minute.

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

How Tested Bailer Length of Test 2 hr

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

Show exact depth of bottom. 42 ft.

Mont Lic No 49
Driller's License Number

Walter Reddock
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.

14931

151161

Indexed
Recorded
Compared

STATE OF
COUNTY OF

x } ss.

I hereby certify that the within instrument was filed for record on the 20 day of Dec A.D. 19 63 at 25 min. past 2 o'clock p. M., in Book Lewis & Clark County, Mont.

Helen Lomick
County Recorder

By Myrtle Lund
Deputy

$2.00 fd.

GW 2

File No.....

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—419...

Sec. 6 T. 10 N R. 3 W

County L & C

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 2 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

0 to 23 ft.
Very tight Gravel
+ Clay
23 ft. 28 ft Clay
28 ft. to 39 ft.
Gravel
39 to 44 Clay
+ Gravel tight
44 to 45 Gravel
+ Water.

Owner Margaret Lee Address N. of Helena

Driller Hale Siddoh Address Helena, Montana

Date of Notice of Appropriation of Groundwater 1-22-64

Date well started 1-16-64 Date Completed 1-20-64

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" 15#	0	45			

N
W E

Lots 17-18-19+20-5-6-7-8 College addn
.....¼..... Sec. 6 T. 10 R. 3
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 18 feet.

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

Pumping Water Level 25 feet at 20 gal. per minute.

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

How Tested Bailer Length of Test 2 hrs

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

Show exact depth of bottom. 45 ft.

Mont Lic No 49
Driller's License Number

Hale Siddoh
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.

35036

153479

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 14th day of Feb A.D. 19 64 at 40 min. past 8 o'clock a.m.

Records of Lewis & Clark County, State of Montana.

Helen Lomick
County Recorder

By Lorraine C. Russell
Deputy

2.00

Recorded
Returned

GV

File No.....

Sec. 6 T. 10 N., R. 3 W.

DUPLICATE

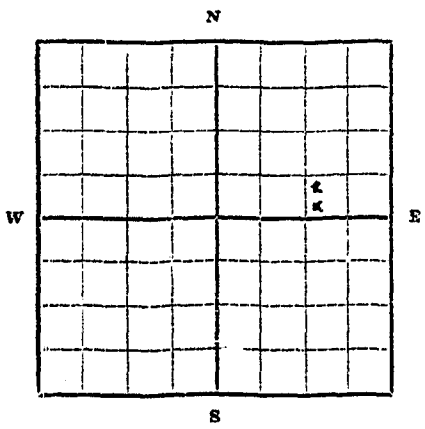
County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Margaret G. Lee, of N. Helena Valley (Box 1104) Helena
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE¼NE¼ Sec. 6 T10N R3W

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 domestic (watering trees, flowers, shrubs, garden, lawns)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well # 1 block 7, College Addition lot 14, unknown but number of years prior to 1947, use has been continuous. Well # 2, lot 21 block 7 College Additon completed April 1960, use continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well # 1, 15 gallons per minute, Well # 2, 20 gallons per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Well # 1, lots 9, 10, 11, 12, 13, 14, 15, 16; Well # 2, ~~XXX~~ lots 1, 2, 3, 4, 21, 22, 23, 24. Owner Margaret G. Lee.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Wells Nos. 1 & 2 are both equipped with electrical pumps.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Refer to No. 3 above.

8. The depth of water table 2 Wells water table 18 feet but varies.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well # 1 between 30 and 40 feet drilled with 6 inch casing. Well # 2 - 49 feet with 8 inch casing.

10. The estimated amount of groundwater withdrawn each year Well # 1(800,000 gallons per year. Well # 2 (960,000 gallons per year.

11. The log of formations encountered in the drilling of each well if available Sand, gravel, clay, then water producing gravels.

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 Margaret G. Lee

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 School of Mines and Quadruplicate for the Appropriator.

27047

151829

Indexed
Recorded
Checked

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 6 day of Nov A.D. 19 64 at 7 min. past 11 o'clock A M.

Records of Lewis & Clark County, State of Montana.

Helen Zamich
County Recorder

By M. Ross
Deputy

$2.00 pd.

Ch

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

File No.....

T. 10N R. 3W

DUPLICATE

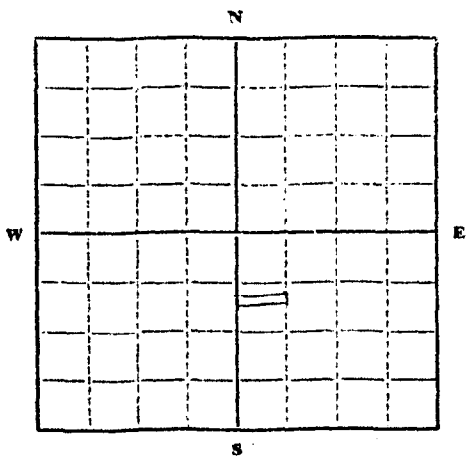
County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Earl L Ludwig & Mary L. Ludwig, of 5362 N. Montana Ave, Helena
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec. 6 T10N R3W

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 water lawn & garden watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug 1953
continuous from above date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gal / 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
not applicable

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 28, 1953 to Aug 2, 1953

8. The depth of water table 45'

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 hole 6"
Size of casing 6" #18
0-45' deep

10. The estimated amount of groundwater withdrawn each year 657,800 gals

11. The log of formations encountered in the drilling of each well if available 0-3' top soil
3-36' gravel
36-43' Clay
43-45' water 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 Conservation District Tribler's Report

Signature of Owner Earl L Ludwig
Mary L Ludwig
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.

12251

151016

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss.

I hereby certify that the within instrument was filed in my office on this 18 day of Dec A.D. 19 63 at ____ min. past 9 o'clock A.M.

Records of Lewis & Clark County, State of Montana.

County Recorder

By Myrtle ____ Deputy

$ 2.00

Indexed
Recorded
Compared

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

File No.....

T 10N R 3 West

DUPLICATE

County L. & C.

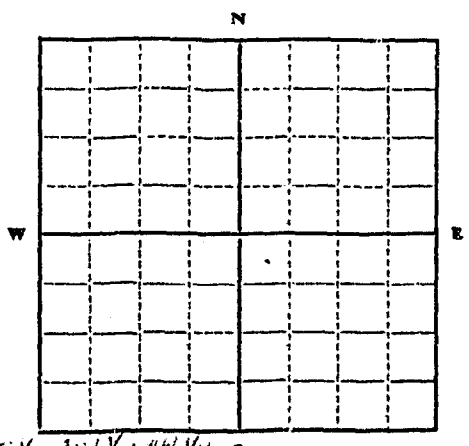
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Jerold L. Lundberg, of Fairfield Rd. Helena
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S½ NW¼ NW¼ SE¼ NW¼ Sec. 6 T10N R3 West

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 lawn & garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 1959 and continuous

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

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 45 feet

8. The depth of water table 25 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

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available Cobble gravel & 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 Jerold L. Lundberg

Date July 9, 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.

1441

134454

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this 13 day of July A.D. 19 62 at 20 min. past 9 o'clock a M.

Records of Lewis & Clark County, State of Montana

Helen Donich
County Recorder

Lorraine C Runce
Deputy

2.00

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

File No.

T. 10 N R. 3 W

DUPLICATE

County Lewis & Clark

RECEIVED
JAN 13 1964
STATE ENGINEER
Helena

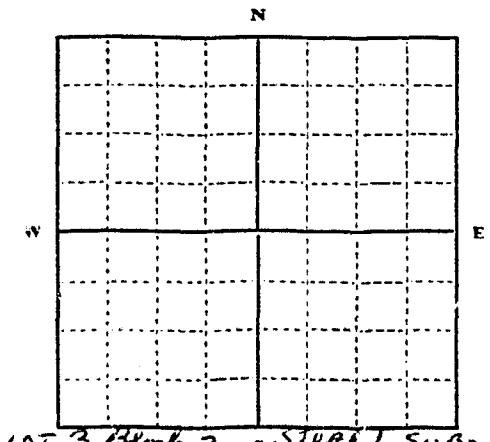
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Glen E. and Shirley Ann Mahoney, of Box 392 (Address) Lewis and Clark (Town) Montana
(Name of Appropriator)

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



LOT 3 Block 2 STUART SUB-DIVISION
S½ OF LOT 4 Block 2

¼ Sec. T. R.

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1,500 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 Acre and one half, owned by Glen E. and Shirley Ann Mahoney

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

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

8. The depth of water table Approximately sixty 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 Eight inch well

10. The estimated amount of groundwater withdrawn each year 50,000 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 None

Signature of Owner December 31, 1963

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.

31291

152060

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 8 day of Jan A.D. 1964 at 39 minutes past 9 o'clock A M

Records of Lewis & Clark County, State of Montana.

Helen Dowiat
County Recorder

By M. Lesse
Deputy

$2.00

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUL 3 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County 6

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 Dellard & Helen Markee

Address 5370 N. Mont. Ave.

Helena Montana 59601

Date well started Aug. 2, 1952

completed Same

For Administrator's Use
File 236364
June 29, 1973
GW 1 2:55 p.m.

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

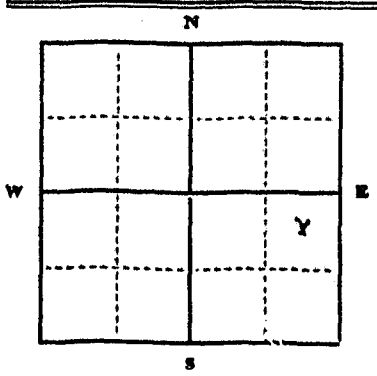
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 10,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
Six Inch	Casi 1977					



NE ¼ SE ¼ Sec. 6
T. 10 N (S) R. 3 E (W)

Static water level 6-8 ft.*
Pumping water level ..... ft.*
at 20 gallons per minute,
measured ..... minutes after pumping began.
*Measured from ground level.
Well developed by .....
for ..... hours.
Power Electric Pump 1 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 Walter Ridder Deceased Dellard Markee

Driller's Address .....

..... 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)	
0	1 1/2	Top Soil
1 1/2	50	Sand and Gravel

50 Show exact depth of bottom

54792

236364

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 28 day of June A.D. 19 72 at 45 min. past 2 o'clock P M.

Records of Lewis & Clark County, State of Montana.

Helen Daniels
County Recorder

By Carol Erickson
Deputy

$2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4232> [redacted] 3

File No.....

T. 10 N. R. 3 W.

County Lewis & Clark

DUPLICATE

LOG

Top of Ground

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

0

SAND & GRAVEL

42

WATER

42

Show exact depth of bottom.

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 Robert Maynard Address 545 Spring St

Driller A. F. WELCH Address HELENA

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

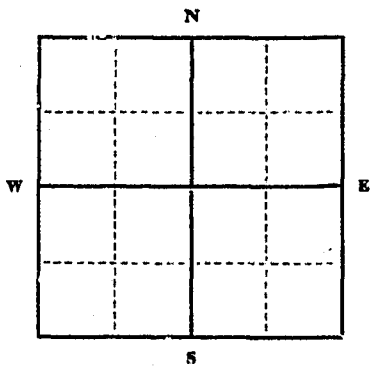
Date well started OCT 16 Date completed 17-65

Type of well DRILLED (Dug, Driven, bored or drilled) Equipment used CABLE (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 5/8	6 5/8 16LB	9	42			



Lots 5 & 6 Blk 4 of the Rummel Subdivision E½SW¼NE¼ Sec. 6 T10 N R3 W.,

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

Static Water Level for non-flowing well 20 feet.

Shut-in Pressure for Flowing Well A

Pumping Water Level 20 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HR

Remarks: (Gravel packing, cementing, packers, type of shutoff) NO

(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).

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.

A. F. Welch
Driller's License Number

100
Driller's Signature

3985

Indexed
Compared

172953

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss.

I hereby certify that the within instrument was filed in my office on this 18 day of Nov. A.D. 19 65 at 20 min. past 11 o'clock a M.

Records of Lewis & Clark Co., State of Montana.

Lillian Dominick
County Recorder

By Norma Kelley
Deputy

$2.00

GW 2

MAYNARD

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

File No.....

T.....R.....

DUPLICATE

County.....

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

SAND

&

GRAVEL

44

44 WATER

SAND

&

GRAVEL

70

70 WATER

Show exact depth of bottom.

Owner Robert Maynard Address 1714 University Helena, Montana

Driller A. E. WELCH Address HELENA

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

Date well started APRIL Date completed 13-1968

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 ☐

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 5/8	6 5/8 16LB	0	70	NO		

N

W E

Lot 4 Sec 1

.....¼.....Sec. 1 T. 10 R. 3

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

Static Water Level for non-flowing well 50 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 70 feet

at 70 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

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

NO

(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).

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.

100

Driller's License Number

A. E. Welch

Driller's Signature.

44,240

197215

Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 11 day of June A.D. 19 65 at 50 min. past 9 o'clock a M.

Records of Lewis & Clark County, State of Montana

Helen Daniels
County Recorder

By M Dodd
Deputy

$ 2.00

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
FEB 15 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES

County Lewis & Clark

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 io be retained by driller.

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

Owner Robert Maynard

Address 29 Maynard Dr
Helena, Mont.

For Administrator's Use
File 223490
GW 1

Date well started OCT 9

completed OCT 10, 71

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

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

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

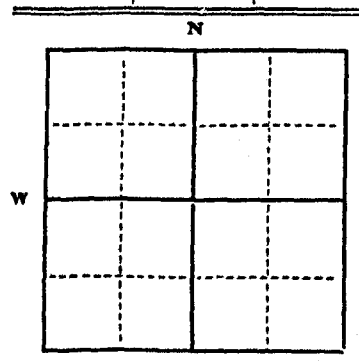
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe .....

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

ESTIMATED ANNUAL WITHDRAWAL .....

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 17LB	0	45			



Static water level 20 ft.*
Pumping water level ..... ft.*
at ..... gallons per minute,
measured ..... minutes after pumping began.
*Measured from ground level.
Well developed by BAILER
for 2 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) .....

Fremont Subdivision
..... ¼ ..... ¼ Sec.....
T..... N/S R..... E/W

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

Driller's Signature A. M. Welch

Driller's Address 5820 N. MONT
HELENA LICENSE NO. 100

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	45	SAND & GRAVEL
	45	WATER

45 Show exact depth of bottom

49,866

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

Owner Robert Maynard
Address
Location T. R. Sec.
Doc. No. 223490

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

Special Instructions:

Please provide, as indicated in red on the enclosed form, water use, pumping water level, gallons per minute, and the complete location of the well by township, range and section. Also provide the day, month, year, hour and minute the well was filed.

Thank you.

#120

No. 3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
FEB 15 1972
DEPARTMENT OF NATURAL RESOURCES & CONSERVATION

County Lewis & Clark

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 Gilbert Maynard

Address Big Maynard
Helena Mont.

For Administrator's Use
File 223490
GW 1

Date well started OCT 9
completed OCT 10, 71

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

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

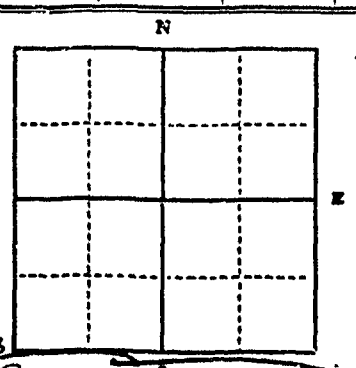
? Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe .....

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

ESTIMATED ANNUAL WITHDRAWAL .....

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 17LB	0	45			



? Static water level 20 ft.*
? Pumping water level 40 ft.*
? at 15 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by BAILER
for 2 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) .....

? LOT 12 BLOCK 43 Summit Subdivision
E 1/2 SW 1/4 NE 1/4 Sec. 6
T. 10 N/S R. 3 E/W

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

Driller's Signature A. M. Welch

Driller's Address 5820 N MONT
HELENA LICENSE NO. 100

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	45	SAND & GRAVEL
	45	WATER

45 Show exact depth of bottom

(3)

49,866

223490

Indexed
Recorded
Compared

?

Doc. No. 223490
Filed for record
this 10 day of Feb.
A. D. 19 72, at 10:10
o'clock A. M.

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
FEB 15 1972

County Lewis & Clark

6

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 Maynard

Address 99 Maynard Lane
Helena, Mont.

For Administrator's Use
File 223491
GW 1

Date well started OCT-4

completed OCT-7-71

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

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

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

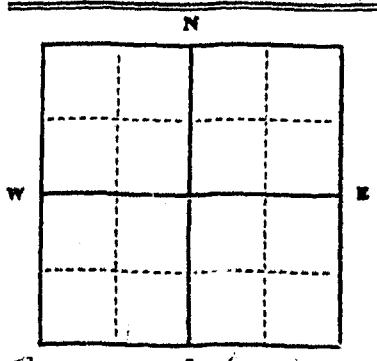
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe .....

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

ESTIMATED ANNUAL WITHDRAWAL .....

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 17LB	0	65			



Static water level 30 ft.*
Pumping water level ..... ft.*
at ..... gallons per minute,
measured ..... minutes after pumping began.
*Measured from ground level.
Well developed by BAILER
for 2 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) .....

Summit Subdivision
.....¼ .....¼ Sec.....
T..... N/S R..... E/W

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

Driller's Signature A. H. Welch

Driller's Address 5820 N. MONT.
HELENA LICENSE NO. 100

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	44	SAND & GRAVEL
	44	WATER
44	65	SAND & GRAVEL
	65	WATER

65 Show exact depth of bottom

49,867

(2)

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

Owner Robert Maynard
Address
Location T. R. Sec.
Doc. No. 223491

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

Special Instructions:

Please provide, as indicated in red on the enclosed form, the water use, pumping water level, gallons per minute, and the complete location of the well by township, range and section.

Also, provide the day, month, year, hour and minute the well was filed.

Thank you.

119

GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
FEB 15 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES & CONSERVATION

County Lewis & Clark

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 Gilbert Maynard

Address 100 Maynard Lane
Helena, Mont.

For Administrator's Use
File 223491
GW 1

Date well started OCT-4
completed OCT-7-71

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

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

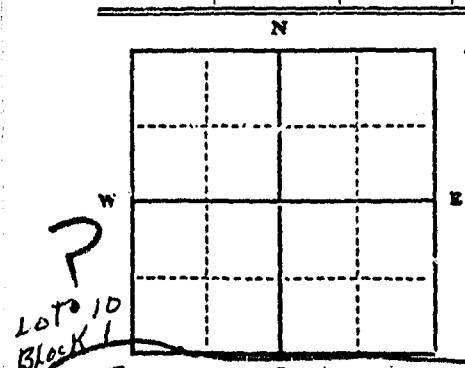
? Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 17LB	0	65			



? LOT 10 BLOCK 1

Summit Subdivision
E½ SW¼ ¼ NE¼ ¼ Sec. 6
T. 10 N/S R. 3 E/W

? Static water level 30 ft.*
? Pumping water level 60 ft.*
at 20 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by BAILER
for 2 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 A. F. Welch

Driller's Address 5820 N. MONT.
HELENA LICENSE NO. 100

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	44	SAND & GRAVEL
	44	WATER
44	65	SAND & GRAVEL
	65	WATER

65 Show exact depth of bottom

49,867

(?)

Doc. No. 223491
Filed for record
this 10 day of Feb.
A. D. 19 72, at 10:15
o'clock A. M.

Indexed
Recorded
Compared

223491

Approved Stock Form—State Publishing Co., Helena, Montana—4232.

File No.

DUPLICATE

RECEIVED FEB 15 1972 MONTANA DEPARTMENT OF NATURAL RESOURCES

T. 11 R. 3 W

County Lewis & Clark

LOG

Top of Ground

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

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 Robert Maynard Address 109 Maynard Ln

Driller A. F. WELCH Address HELENA

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

Date well started OCT 30 Date completed NOV. 2-1970

Type of well DRILLED (Dug, Driven, bored or drilled) Equipment used CABLE TOOLS (Churn drill, rotary or other)

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

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 5/8	6 5/8 17LB	0	43			

0

SAND & GRAVEL

43

43 WATER

Show exact depth of bottom.

Doc. No. 223492

Filed for record this ..... day of ..... A. D. 19..., at ..... o'clock ..... M.

N / W / E / S

Summel Subdivision

.....¼..... Sec..... T..... R.....

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

Static Water Level for non-flowing well 25 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 25 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

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

NO IVE

(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).

NO

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.

100
Driller's License Number

A. F. Welch
Driller's Signature

49,868

(5)

223492

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

Owner Robert Maynard
Address
Location T. R. Sec.
Doc. No. 223492

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

Special Instructions:

Please provide, as indicated in red on the enclosed form, the water use; the complete location of the well by township, range and section; and the day, month, year, hour and minute the well was filed.

Thank you.

#117

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4. 3

File No.....

RECEIVED
FEB 15 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

T.....R.....

DUPLICATE

County Lewis & Clark

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.....)

0

Owner Robert Maynard Address 109 Maynard Ln

Driller A. F. WELCH Address HELENA

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

Date well started OCT 30 Date completed NOV. 2-1970

Type of well DRILLED Equipment used CABLE TOOLS
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

SAND & GRAVEL

?

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 5/8	6 5/8 17LB	0	43			

Doc. No. 223492
Filed for record
this.....day of.....
A. D. 19.....,at.....
o'clock.....M.

N
W E
S

Static Water Level for non-flowing well 25 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 25 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

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

NONE

?

Lot 9 - Block 1

Lennox Subdivision
E½SW¼ NE¼ Sec. 6 T. 10 R. 3
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

43

(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).

NO

43 WATER
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.

100
Driller's License Number

A. F. Welch
Driller's Signature

49,868

(2)

?

Doc. No. 223492
Filed for record
this 10 day of Feb.
A. D. 19 72, at 10:20
o'clock A. M.

3 GW 2 Revised 1969
13—3M—10/69

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FEB 15 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Lewis & Clark

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 Maynard

Address 109 Maynard Ln
Helena, Mont.

For Administrator's Use
File 223493
GW 1

Date well started AUG. 4
completed AUG. 6-71

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

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

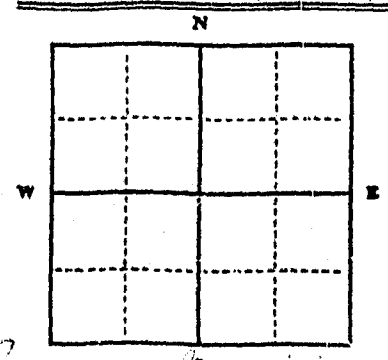
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe .....

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

ESTIMATED ANNUAL WITHDRAWAL .....

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 17LB	0	66			



Static water level 30 ft.*
Pumping water level ..... ft.*
at ..... gallons per minute,
measured ..... minutes after pumping began.
*Measured from ground level.
Well developed by BAILER
for 2 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) .....

Formerly Subdivision

.....¼ .....¼ Sec.....
T..... N/S R..... E/W

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

Driller's Signature A. F. Welch

Driller's Address 5820 N. MONT. AVE
HELENA, MONT. LICENSE NO. 100

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	46	SAND & GRAVEL
	46	WATER
46	66	SAND & GRAVEL
	66	WATER

66 Show exact depth of bottom

49,869

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

Owner Robert Maynard
Address
Location T. 10 R. 3 Sec. 6
Doc. No. 223493
Lewis + Clark

6

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

Special Instructions:

Please provide, as indicated in red on the enclosed form, the water use, pumping water level, and gallons per minute; the complete location of the well by township, range and section; and the day, month, year, hour and minute the well was filed.

Thank you.

3 GW 2 Revised 1969
13—3M —10/69

RECEIVED
FEB 15 1972
DEPARTMENT OF NATURAL RESOURCES & CONSERVATION

County Lewis & Clark

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 Fred Maynard Maynard George E Caulfield 5735 Kim Drive

Address Jay Maynard Lane Helena, Mont.

For Administrator's Use
File 223493
GW 1

Date well started AUG. 4

completed AUG. 6 - 71

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

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

? Water Use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☑

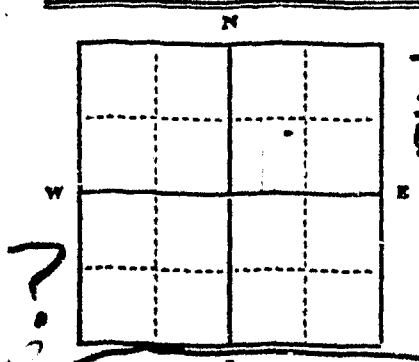
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☑

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 120 000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 17LB	0	66			



? Static water level 30 ft.*

? Pumping water level 44 ft.* at 30 gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by BAILER for 2 hours.

Power Pump HP

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

? Township Range Section
SW ¼ NE ¼ Sec. 6
T. 10 N R. 3 E W

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

Driller's Signature A. J. Welch

Driller's Address 5820 N. MONT. AVE

HELENA, MONT. LICENSE NO. 100

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	44	SAND & GRAVEL
	44	WATER
44	66	SAND & GRAVEL
	66	WATER

66 Show exact depth of bottom

(2)

49,869

3 GW 2 Revised 1969
13—3M—10/69

RECEIVED
FEB 15 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Lewis & Clark

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 Maynard Maynard George E Cowlfield 5735 Kerr Drive

Address 109 Mitchell Ave Helena, Mont.

For Administrator's Use
File 223493
GW 1

Date well started AUG. 4

completed AUG. 6-71

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

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

?

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒

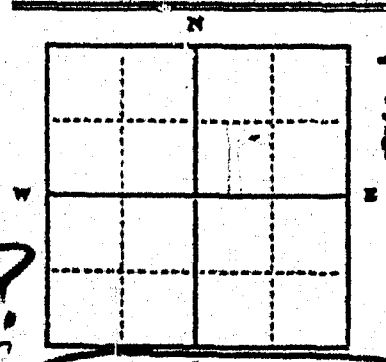
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 120 000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 17LB	0	66			



?

Static water level 30 ft.*

Pumping water level 44 ft.*

at 30 gallons per minute

measured minutes after pumping began.

*Measured from ground level.

Well developed by BAILER

for 2 hours.

Power Pump HP

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

Normal Washington

SW ¼ NE ¼ Sec. 6

T. 12 N R. 3 W

Block 3 Lot 11

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

Driller's Signature A. N. Welch

Driller's Address 5820 N. MONT. AVE

HELENA, MONT. LICENSE NO. 100

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	44	SAND & GRAVEL
	46	WATER
46	66	SAND & GRAVEL
	66	WATER

66 Show exact depth of bottom

(2)

49,869

?

Doc. No. 223463
Filed for record
this 10 day of Feb.
A. D. 19 72, at 10:25
o'clock A M.

Indexed
Recorded
Mailed

GW 2

File No.

DUPLICATE

RECEIVED
FEB 15 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Approved Stock Form—State Publishing Co., Helena, Montana—42329

T. 11N R. 3W

County Lewis & Clark

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)

Owner Robert Maynard Address 109 Maynard Ln

Driller A. F. WELCH Address HELENA, MONT

Date of Notice of appropriation of groundwater

Date well started JULY 12 Date completed JULY 14, 7[illegible]

Type of well DRILLED (Dug, Driven, bored or drilled) Equipment used CABLE TOOLS (Churn drill, rotary or other)

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

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 5/8	6 5/8 17LB	0	81	NO		

Top of Ground

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

0 SAND & GRAVEL

42 WATER

42 SAND & GRAVEL

64 WATER & SAND

64 SAND & GRAVEL

81 WATER

Show exact depth of bottom.

Doc. No. 223494

Filed for record this ____ day of ____ A. D. 19____, at ____ o'clock ____ M.

N W E S

Sommel Subdivision

.....¼..... Sec..... T..... R.....

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

Static Water Level for non-flowing well 65 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 81 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff) NONE

(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).

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.

100
Driller's License Number

A. F. Welch
Driller's Signature

49,870

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

Owner Robert Maynard
Address 109 Maynard Lane, Helena, MT
Location T. R. Sec.
Doc. No. 223494

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

Special Instructions:

Please provide, as indicated in red on the enclosed form, the date completed, and water use; the complete location of the well by township, range and section; and the day, month, year, hour and minute the well was filed.

Thank you.

#115

CW 2

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

RECEIVED

FEB 15 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

File No.....

T.....R.....

DUPLICATE

County Lewis & Clark

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)

Owner Robert Maybrand Address 109 Birdwood Lane

Driller A. F. WELCH Address HELENA MONT

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

Date well started JULY 12 Date completed JULY 14, 70

Type of well DRILLED Equipment used CABLE TOOLS
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 17LB	0	81	NO		

Static Water Level for non-flowing well 65 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 81 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff) NONE

(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).

N / W / E / S

E½ SW¼ NE¼ Sec. 4 T. 10 R. 3

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

Furnished Subdivision

LOT 8 - Block 1 -

0	Top of Ground (Elev. above sea level.....)
	SAND &
42	GRAVEL
42	WATER
	SAND &
	GRAVEL ?
64	
64	WATER & SAND
	SAND &
	GRAVEL
81	WATER Show exact depth of bottom.

Doc. No. 223494

Filed for record this.....day of.....

A. D. 19.....at.....

o'clock.....M.

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

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

100
Driller's License Number

A. F. Welch
Driller's Signature

49,870

(2)

?

Doc. No. 223494
Filed for record
this 10 day of Feb.
A. D. 19 72, at 10:30
o'clock A.M.

Indexed
Recorded
Mailed

223494

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42329

File No.....

T..... R.....

DUPLICATE

County Lewis & Clark

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)

0 Top of Ground

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

SAND & GRAVEL

Owner Robert Maynard Address 109 Maynard Lane

Driller A. F. WELCH Address HELENA

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

Date well started SEPT 26 Date completed SEPT 28-70

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

Doc. No. 223495
Filed for record
this.....day of.....
A. D. 19....., at.....
o'clock.....M.

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

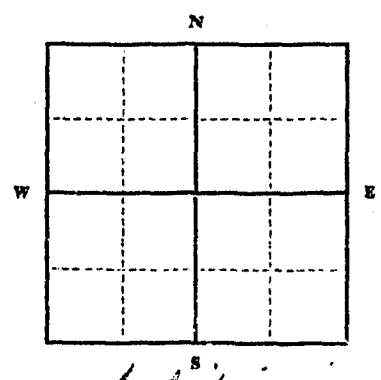
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

44 WATER

44

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 17LB	0	66		NO	

SAND & GRAVEL



Static Water Level for non-flowing well 35 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 66 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

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

NO

Summit Subdivision

.....¼..... Sec..... T..... R.....
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).

66 WATER
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.

100
Driller's License Number

A. F. Welch
Driller's Signature

49,864

223495

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

Owner Robert Maynard
Address
Location T. R. Sec.
Doc. No. 223495

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

Special Instructions:

Please provide, as indicated in red on the enclosed form, the complete location of the well by township, range and section. Also indicate the type of well, equipment used, and water use.

Thank you.

116

GW 2

File No.

Copy File

DUPLICATE

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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

T. R.

County Lewis & Clark

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.....)

0

SAND & GRAVEL?

Doc. No. 223495
Filed for record
this 10 day of Feb.
A. D. 19 72, at 10:35
o'clock A. M.

44

WATER

44

SAND & GRAVEL ?

Lot 10-
13 Blocks

Owner Robert Maynard Address 19 Maynard Lane

Driller A. F. WELCH Address HELENA

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

Date well started SEPT 26 Date completed SEPT 28-70

Type of well DRILLED ? Equipment used CABLE TOOLS
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	4 5/8 17 LB	0	66		NO	

N
W E
S

Static Water Level for non-flowing well 35 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 66 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff) NO

Fairmont Subdivision
E½SW¼ NE¼ Sec. 6 T. 10N R. 3W

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).

66 WATER 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.

100
Driller's License Number

A. F. Welch
Driller's Signature

49,364

GW 2

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

File No.....

T. 10 R. 3

DUPLICATE

County Lewis & Clark

MONTANA WATER RESOURCES BOARD
RECEIVED
AUG 19 1968

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)

Owner Mr. Robert E. Maynard Address.....

Driller A. F. Welch Address Helena, Montana

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

Date well started July 26 Date completed July 27, 1968

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 ☐

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 6/8	6 6/8 17	0	46		No	

0

Sand & Gravel

46

Water

46

Show exact depth of bottom.

N

W E

Lot 5 Blk 1 Bunger Sub.

SW NE Sec. 6 T. 10 R. 3

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

Static Water Level for non-flowing well 26 feet.

Shut-in Pressure for Flowing Well No

Pumping Water Level 26 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well No

How Tested Bailer

Length of Test 2 Hr

Remarks: (Gravel packing, cementing, packers, type of shutoff). No

(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).

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.

100
Driller's License Number

A. F. Welch
Driller's Signature.

44.511

198659

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within instrument was filed in my office on this 13 day of August A.D. 19 68 at 50 min. past 12 o'clock P M.

Records of Lewis & Clark County, State of Montana.

Helen Daniel
County Recorder

By Phyllis Swanson
Deputy

2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45642 3

10N-3W 6

File No.....

STATE WATER ... SEP 6 1966

Rummel Sub Div. Lot 2 R Blk 3

DUPLICATE

County L + C

Billings ... Butte ... Cascade ... Coyle ... Darlington ... Sullivan ... Dickert ...

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Robert E. Maynard Address 545 Spring St. Helena

Driller A. F. WELCH Address HELENA

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

Date well started JULY 27 Date completed 28

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 ☐

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.

SAND + GRAVEL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 16LB	0	38		NO	

38

38 WATER

Show exact depth of bottom.

N W E S

Static Water Level for non-flowing well 20 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 20 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

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

NONE

Lot 2 Blk 3. Reservered - Replatted Rummel Sub Div. 6, 10N-3W

.....¼ Sec..... T..... R.....

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).

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.

100

Driller's License Number

A. F. Welch

Driller's Signature.

41,364

181008

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed for record on this 31 day of Aug A.D. 19 66 at 40 min. past 10 o'clock A.M.

Records of Lewis & Clark County, State of Montana

County Recorder

By M. Rose Deputy

12.00

GW 2 STATE WATER CONSERVATION BOARD Approved Stock Form—State Publishing Co., Helena, Montana—41642

File No. ..... SEP 6 1966

DUPLICATE

Rummel Sub-div. Lot 1 Blk 3.

County L & C

LOG

Top of Ground .....

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

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 Robert E. Maynard Address 545 Spring St. Helena

Driller A. F. WELCH Address HELENA

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

Date well started JULY 25 Date completed 8-6-66

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

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

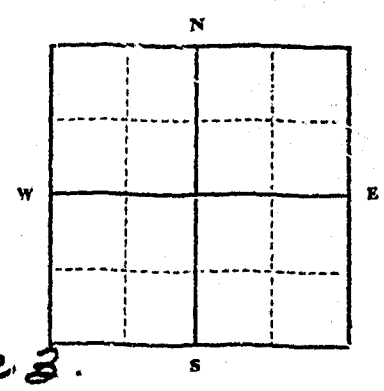
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 16LB	0	38	NO		

SAND

GRAVEL

38



Lot 1 Blk 3. Resurveyed + Replatted Rummel Sub Div.

¼ Sec. 6 T. 10N R. 3W

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

Static Water Level for non-flowing well 20 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 20 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff) NONE

(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).

38 WATER

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.

100
Driller's License Number

A. F. Welch
Driller's Signature.

41,365

181009

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 31 day of Aug A.D. 19 66 at 45 min. past 10 o'clock A. M.

Records of Lewis & Clark County, State of Montana

County Recorder

By M. Lee
Deputy

$ 2.00

Indexed
Recorded
Compared

GW 2

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

File No.....

MONTANA WATER RESOURCES BOARD
RECEIVED
DEC 22 1969

T. 10N R. 3W

County Lewis & Clark

DUPLICATE

LOG

6

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

0

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

Owner Robert E. Maynard Address 109 Maynard Lane

Driller A.F. Welsh Address Helena

Sand & Gravel

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

Date well started Sept. 5 Date completed Sept. 6, 1969

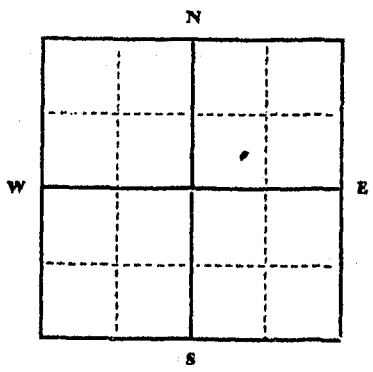
Type of well Drilled (Dug, driven, bored or drilled) Equipment used Cable Tool (Churn drill, rotary or other)

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

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.

43

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
65/8	65/8 17 Lb.	0	43		No	



Static Water Level for non-flowing well 20 feet.

Shut-in Pressure for Flowing Well No

Pumping Water Level 43 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well No

How Tested Bailer

Length of Test 2 Hrs.

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

None

Lot 8 Blk 3 Gamnel Sub E½ SW¼ Sec. 6 T. 10 R. 3

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).

43 Water

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.

100
Driller's License Number

A. F. Welsh
Driller's Signature.

45994

207347

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 11 day of Dec 19 69 at 15 min. past 2 o'clock P.M.

Records of Lewis & Clark County, State of Montana.

Adam Domich
County Recorder

By Carol Dhute
Deputy

2.00

GW 2

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

File No.....

T. 10 R. 3

DUPLICATE

County Lewis & Clark

LOG

JAN 20 1969

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.....)

0

Sand & Gravel

46

46
46

Water

Owner Robert E Maynard Address.....

Driller A.F. Welch Address Helena, Mont.

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

Date well started Oct. 29 Date completed Oct. 30, 1969

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 ☐

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 5/8	6 5/8 17 lb.	0	71			

Sand & Gravel

Pipe 2ft. above ground

no

69

Static Water Level for non-flowing well 50 feet.

Shut-in Pressure for Flowing Well no

Pumping Water Level 69 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well no

How Tested Bailer

Length of Test 2hrs

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

no

(Continue on reverse side)

N W E S

Lot 4 Block 3

.....¼ Sec..... T..... R.....

Indicate location ~~[illegible]~~ place of use, if possible. Each small square represents 40 acres.

SW¼ NE¼ 6-10-3

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).

69

Water

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.

100

Driller's License Number

A. F. Welch

Driller's Signature.

44,927

201770

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 4 day of Jan A.D. 1969 at 46 min. past 9 o'clock AM.

Recorder of Lewis & Clark County, State of Montana.

By C. Lipsdee
Deputy

2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—456

File No.....

MONTANA WATER RESOURCES BOARD
RECEIVED
AUG 14 1969

T. 10 R. 3

County Lewis & Clark

DUPLICATE

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Robert E. Maynard Address 109 Maynard Lane

Driller A.F. Welch Address Helena, Mont

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

Date well started May 3 Date completed May 3, 1969

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 ☐

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.

0 — Sand & Gravel

44 — Water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 17 Lb.	0	71		No	

71 — Sand & Gravel

71 — Water

Show exact depth of bottom.

N / W / E

Lot 5 Blk 1 Rummel Sub-Div

Suite 1/4 Sec. 6 T. 10 R. 3

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

Static Water Level for non-flowing well 50 feet.

Shut-in Pressure for Flowing Well No

Pumping Water Level 71 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well No

How Tested Bailer

Length of Test 2 Hrs.

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

None

(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).

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.

100
Driller's License Number

A. F. Welch
Driller's Signature.

204994

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 8 day of Aug A.D. 19 29 at 35 min. past 9 o'clock A M.

Records of Lewis & Clark County, State of Montana.

County Recorder

By McLaren Deputy

2.00

MONTANA WATER RESOURCES BOARD
Groundwater Division
Mitchell Building
Helena, Montana 59601

Recently a copy of a groundwater appropriation form,

___ GW 1, Notice of Appropriation of Groundwater

X GW 2, Notice of Completion of Groundwater Appropriation by means of Well

___ GW 3, Notice of Completion of Groundwater Appropriation without Well

___ GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Robert E. Maynard Address Helena- 109 Maynard Lane

Location T. 10N, R. 3W, Sec. 6 Document No. 204994

___ The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

X The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate the water use(domestic, stock,municipal, etc.)

___ Other.

___ County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

71 Water
Show exact depth of bottom.

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).

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.

100
Driller's License Number

A. H. [illegible]
Driller's Signature.

Approved Stock Form— State Publishing Co., Helena, Montana—45642 3

T. 10 R. 3

County Lewis & Clark

MONTANA WATER RESOURCES BOARD
RECEIVED
AUG 14 1969

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)

LOG

Top of Ground

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

Owner Robert E. Maynard Address 109 Maynard Lane Helena, Mont

Driller A.F. Welch Address Helena, Mont

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

Date well started May 3 Date completed May 4, 1969

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

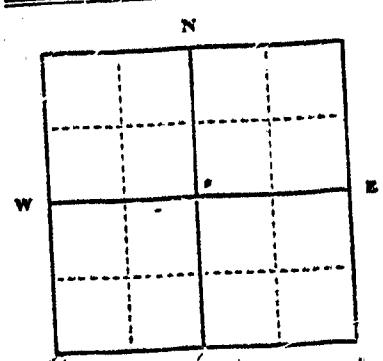
Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

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.

0	Sand & Gravel
44	Water
44	
44	
71	Sand & Gravel
71	Water

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
65/8	65/8 17 Lb.	0	71		No	



Lot 5 Blk 1 Summit Sub Div

Sw ¼ Sec. 6 T. 10 R. 3

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

Static Water Level for non-flowing well 50 feet.

Shut-in Pressure for Flowing Well No

Pumping Water Level 71 feet

at 30 gal. per minute.

Discharge in gal. per min. of flowing well No

How Tested Bailer

Length of Test 2 Hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) None

(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).

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.

100
Driller's License Number

A. F. Welch
Driller's Signature.

GW

File No.....

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—45642 3

MONTANA WATER RESOURCES BOARD
RECEIVED
AUG 14 1969

T. 10 R. 3

County Lewis & Clark

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.....)

0

Soil

2

Owner Robert E. Maynard Address 109 Maynard Lane

Driller A.F. Welch Address Helena, Mont.

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

Date well started May 10 Date completed May 12, 1969

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

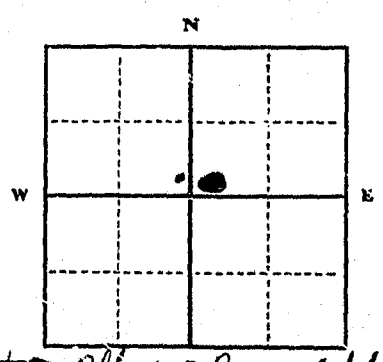
Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

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.

Sand & Gravel

100

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 17 Lbs	0	100	NO		



Static Water Level for non-flowing well 30 feet.

Shut-in Pressure for Flowing Well No

Pumping Water Level 100 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well No

How Tested Bailer

Length of Test 2 Hrs

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

None

Lot 20, Sutton & Davis Sub Division
R.D.G.

SW¼ NE¼ Sec. 6 T. 10 R. 3

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).

100 Water Sand

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.

100

Driller's License Number

A. F. Welch

Driller's Signature.

204995

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 8 day of Aug A.D. 19 67 at 40 min. past 9 o'clock A M.

Records of Lewis & Clark County, State of Montana.

County Recorder

By M. Lowe
Deputy

2.00

MONTANA WATER RESOURCES BOARD
Groundwater Division
Mitchell Building
Helena, Montana 59601

Recently a copy of a groundwater appropriation form,

___ GW 1, Notice of Appropriation of Groundwater

X GW 2, Notice of Completion of Groundwater Appropriation by means of Well

___ GW 3, Notice of Completion of Groundwater Appropriation without Well

___ GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Robert E. Maynard Address 109 Maynard Lane

Location T. 10, R. 3, Sec. 6 Document No. 204995

___ The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

X The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate the water use(domestic, stock, municipal, etc.)

___ Other.

___ County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

-100 Water Sand

Show exact depth of bottom.

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).

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.

100
Driller's License Number

A. A. [illegible]
Driller's Signature.

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

...ce No.....

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
AUG 14 1969

T. 10 R. 3
County Lewis & Clark

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Robert E. Maynard Address 109 Maynard Lane

Driller A.T. Welch Address Helena, Mont.

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

Date well started May 10 Date completed May 12, 1969

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 ☐

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.

0 — Soil

2

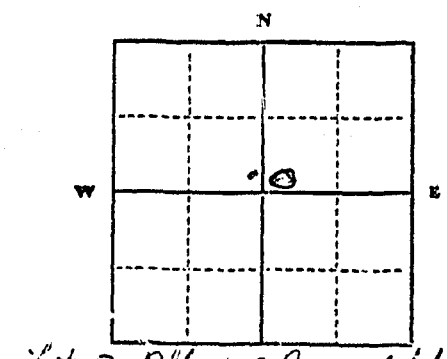
Sand & Gravel

10

100 — Water Sand

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 17 Lbs	0	100	NO		



Lot 5 Blk 1 Rummel Add.

SW¼NE Sec. 6 T. 10 R. 3

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

Static Water Level for non-flowing well 30 feet.

Shut-in Pressure for Flowing Well No

Pumping Water Level 100 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well No

How Tested Bailer

Length of Test 2 Hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) None

(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).

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.

100
Driller's License Number

A. T. Welch
Driller's Signature.

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45642 3

File No.....

MONTANA WATER RESOURCES BOARD
RECEIVED
DEC 22 1969

T. 10 N R. 3 W

County Lewis & Clarke

6

DUPLICATE

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)

Owner Robert E Maynard Address 109 Maynard Lane

Driller A.F. Welch Address Helena, Mont

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

Date well started Oct.24 Date completed Oct.27.1969

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 ☐

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)
65/8	65/8					
	17 Lb	0	64		No	

0 Top of Ground

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

Sand & Gravel

43

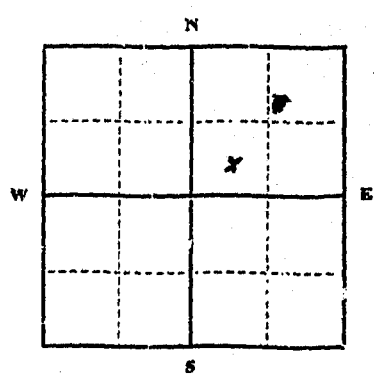
43 Water

Sand & Gravel

64

64 Water

Show exact depth of bottom.



E ½ SW¼ NE ¼ SW¼ Sec. 6 T. 10 R. 3

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

Static Water Level for non-flowing well 40 feet.

Shut-in Pressure for Flowing Well No

Pumping Water Level 64 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well No

How Tested Bailer

Length of Test 2 Hrs.

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

None

(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).

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.

100

Driller's License Number

A. F. Welch

Driller's Signature.

15998

207346

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 11 day of Dec A.D. 19 69 at 2 o'clock P.M. 00 min. past

Records of Lewis & Clark County, State of Montana

Clerk and Recorder

By Carol Shute Deputy

2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42325

File No.....

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
DEC 22 1969

T. 10 R. 3

County Lewis & Clark

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)

0 Top of Ground

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

Sand & Gravel

42 Water
Show exact depth of bottom.

Owner Robert E. Weyrard Address 109 Maynard Lane

Driller A. F. Belch Address Helena Mont.

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

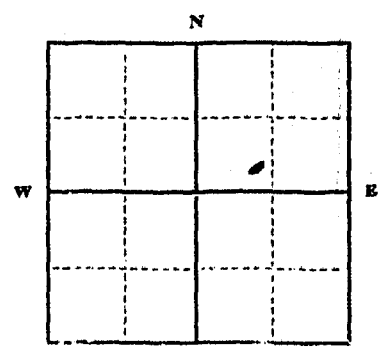
Date well started Nov. 9, 1969 Date completed Nov 10 1969

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 ☐

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 5/8		0	42	No		
	6 5/8					
	17 Lbs.					



Static Water Level for non-flowing well 15 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 42 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well No

How Tested Bailer

Length of Test 2 Hrs

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

NO

Blk 3 Rummel Sub Lot 9 E½ SW¼ NE Sec. no T. 10 N R 3W

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).

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.

10097
Driller's License Number

A. F. Belch
Driller's Signature

207348

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 11 day of Dec A.D. 19 69 at 10 min. past 2 o'clock P M

Clerk & Recorder of Lewis & Clark County, State of Montana

John Kovich
County Recorder

By Carol Stute
Deputy

2.00

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
FEB 13 1972

County Lewis & Clark

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 E. Maynard

Address 109 Maynard Lane
Helena, Mont.

For Administrator's Use
File 223489
GW 1

Date well started OCT-7
completed OCT-8-71

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

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

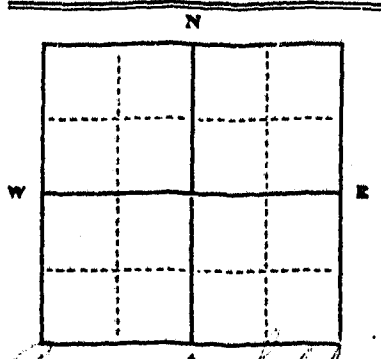
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe .....

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

ESTIMATED ANNUAL WITHDRAWAL .....

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	4 5/8 17LB	0	44			



Static water level 20 ft.*
Pumping water level ..... ft.*
at ..... gallons per minute,
measured ..... minutes after pumping began.
*Measured from ground level.
Well developed by BAILER
for 2 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) .....

E½ ¼ NE ¼ Sec. 6
T. 10 N/S R. 3 E/W

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

Driller's Signature A. J. Welch

Driller's Address 5820 N. MONT.
HELENA LICENSE NO. 100

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	44	SAND & GRAVEL
	44	WATER

44 Show exact depth of bottom

(2)

49,865

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

Owner Robert Maynard
Address
Location T. R. Sec.
Doc. No. 223489

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

Special Instructions:

Please provide, as indicated in red on the enclosed form, the water use, pumping water level, and gallons per minute. Also provide the day, month, year, hour and minute the well was filed.

Thank you.

#121

Water Use: Domestic ☒ Stock ☐

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 5/8	4 5/8 17LB	0	44			

N
W E

? Static water level 20 ft.*
? ~~Pumping water level~~ 40 ft.*
at 15 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by BAILER
for 2 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) .....

E½ NE¼ ¼ NE ¼ Sec. 6
T. 6 N/S R. 3 E/W

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

Driller's Signature A. F. Welsh

Driller's Address 5820 N. MONT.
HELENA LICENSE NO. 100

44 Show exact depth of bottom

49,865

(2)

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
FEB 15 1972
DEPARTMENT OF NATURAL RESOURCES

County Lewis & Clark

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]

Helena, Mont.

For Administrator's Use
File 223489
GW 1

Date well started OCT-7

completed OCT-8-71

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

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

? Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

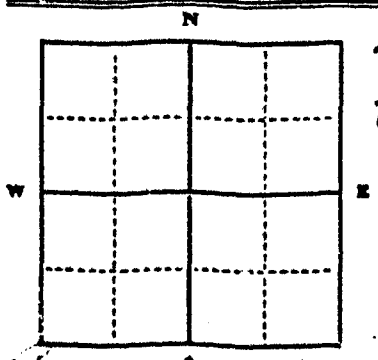
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	5 5/8 17LB	0	44			



? Static water level 20 ft.*

? ~~Pumping water level~~ 40 ft.*

? at 15 gallons per minute

measured 30 minutes after pumping began.

*Measured from ground level.

Well developed by BAILER

for 2 hours.

Power Pump HP

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

[illegible] 4 ¼ NE ¼ Sec. 6

T. 10 N R. 3 ~~E~~ W

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

Driller's Signature A. J. Welch

Driller's Address 5820 N. MONT.

HELENA LICENSE NO. 100

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	44	SAND & GRAVEL
	44	WATER

44 Show exact depth of bottom

(?)

49,865

223489

Doc. No. 223489
Filed for record
this 10 day of Feb, [redacted]
A. D. 19 72, at 10:05
o'clock A M.

GW 2

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

File No.....

T. 10 R. 3

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
APR 1 1968

County Lewis & Clark

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0

SAND

&

GRAVEL

44-6

Owner Robert E. & Dora Maynard Address ~~707~~ 703 Maynard Lane

Driller A. F. WELCH Address HELENA

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

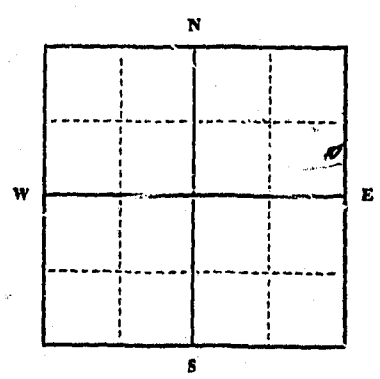
Date well started NOV 20 Date completed 22-1967

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 ☐

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 5/8	6 5/8 16LB	0	44FT 6IN			



Static Water Level for non-flowing well 20 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 30 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff) NO

.....¼.....Sec..... T..... R.....

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

6 = SW4 NE4 of Sec 6-10-3

(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).

44 FT 6 IN 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.

100
Driller's License Number

A. F. Welch
Driller's Signature.

44,013

194448

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 13 day of March A.D. 19 68 at 30 min. past 1 o'clock a M.

Records of Lewis & Clark County, State of Montana.

Julian Lamont
County Recorder

By Phyllis Swanson
Deputy

2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—41935

File No.....

DUPLICATE

RECEIVED
DEC 30 1963
STATE ENGINEER

T. 10 N R. 3W

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0 to 40 ft.
Tight Clay Gravel
40 to 62 Fine Sand
62 to 65 Clay
65 to 72 1/2 Gravel
and Sand

Owner Edward G. Meyer Address 5110 N. Montana Ave.

Driller Walter Riddock Address 606 No. Warren

Date of Notice of Appropriation of Groundwater 6-10-62

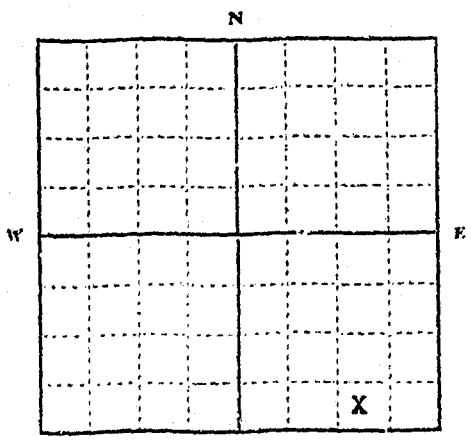
Date well started 6-1-62 Date Completed 6-8-62

Type of well Drilled Well (dug, driven, bored or drilled) Equipment Used Churn Drill (Churn, drill, rotary or other)

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	32#	0	72'-6"		None	



SE 1/4 SE 1/4 Sec. 6 T. 10 R. 3W.
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 21 feet.

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

Pumping Water Level 45 feet at 110 gal. per minute.

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

How Tested Pump Length of Test 14 Days

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).....

Show exact depth of bottom. 72 Ft. 6 Inches

Lic. No. 49
Driller's License Number

Walt Riddock
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.

14927

Lincoln Recording Company

149621

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within instrument was filed in my office on this 5th day of Mar. A.D. 1963 at 25 min. past 10 o'clock a M.

Records of Lewis & Clark County, State of Montana

Helen Dominick
County Recorder

By Norma Kelley
Deputy

$2.00

G\ Approved Stock Form—State Publishing Co., Helena, Montana—40876 3 6

File No.....

T. 10 N R. 3 W

DUPLICATE

County Lewis & Clark

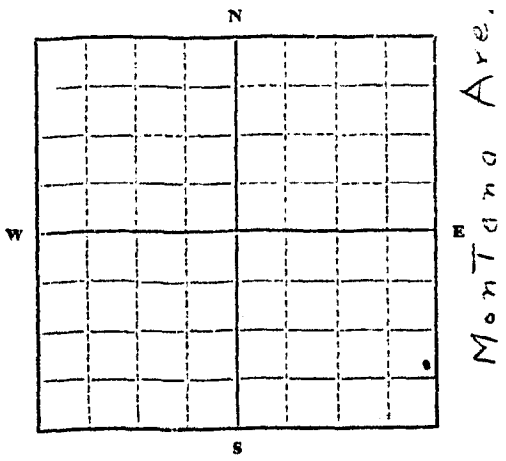
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED NOV 14 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edward G. Meyer, of 5110 N. Mont. Helena
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E¼ S.E¼ Sec. 6 T. 10 R. 3 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 House, Irrigation & Stock

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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 Lawns & Shelter Belt Edward G. Meyer

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 July 1949

8. The depth of water table 21 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 6" Casing 48' deep

10. The estimated amount of groundwater withdrawn each year 4,462,000 gallons

11. The log of formations encountered in the drilling of each well if available
1 ft 36' gravel
36' to 42' light clay
42' to 48' shale & gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
No other information

Signature of Owner Frances M. Meyer Edward G. Meyer

Date Sept. 1, 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.

7008

149622

Indexed
Abstracted
Mailed

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 5th day of Nov A.D. 19 63 at 30 min. past 10 o'clock a M.

Records of Lewis & Clark County, State of Montana.

Helen Zonich
County Recorder

By Lorraine C Runce
Deputy

2.00

GW

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

File No.....

T. 10N R. 3W

DUPLICATE

County Lewis & Clark

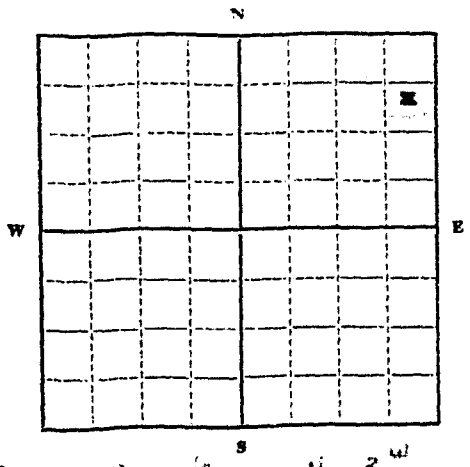
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 4 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Leo B. Meyers of 5910 North Montana
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE¼ NE¼ NE¼ ¼ Sec. 1 T. 10N R. 3W

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 - lawn - garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
December, 1959

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 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
Less than one acre

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater December 1959 and completed in January 1960.

8. The depth of water table 20 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 43 feet deep - 6" I.D.

10. The estimated amount of groundwater withdrawn each year 1,250,000 gallons per year

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

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 N/A

Signature of Owner.....

Date December 3, 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.

7799

150468

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 3rd day of Dec A.D. 19 63 at 30 min. past 9 o'clock A.M.

Records of Lewis & Clark County, State of Montana

Helen Lonick
County Recorder

By Leonard A. Runette
Deputy

$2.00

3 GW 2 Revised 1-69
STATE PUBLISHING COMPANY

RECEIVED

County Lewis & Clark

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 Dr. Gary L. Mihelish XXXXXXXXXXXXXXXX.

Address Lot 4, Block 6 Big Sky Subdivision

Helena, Montana

Date well started Jan. 21, 1973

completed Jan. 23, 1973

For Administrator's Use
File 235774
June 18, 1973
GW 1 9:35 a.m.

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

Equipment used Churn (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

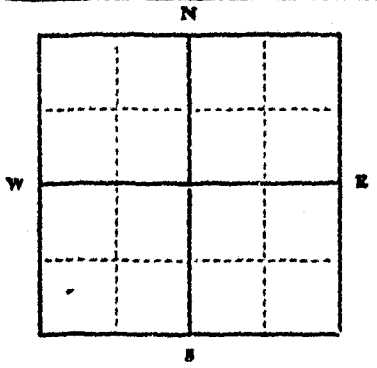
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 80,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	19 lb.	0	47	NONE		



SW¼ SW¼ Sec. 6
T. 10 (N) R. 3 E (W)
S

Static water level 21 ft.*
Pumping water level 40 ft.*
at 20 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 2 hours.
Power Elec Pump ½ 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 Wesley Lindsay

Driller's Address Clancy Montana

LICENSE NO. 38

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	5	Topsoil & Gravel
5	25	Gravel
25	42	Clay & Gravel
42	45	Sand
45	47	Gravel

47 Show exact depth of bottom

53,746

235774

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 18 day of June A.D. 19 73 at 35 min. past 9 o'clock A.M.

Recorder of Lewis & Clark County, State of Montana.

Silas Daniel
County Recorder

By Carol Erickson
Deputy

2.00

GW 2

STATE WATER CONSERVATION BOARD

APR 4 1966

Approved Stock Form—State Publishing Co., Helena, Montana—4232.

File No.

T 10 N R 3 W Sec. 6

DUPLICATE

County L & C

Bille McDermott
Butzerin McNally
Coyle Morton
Darlinton Sullivan
Dickert

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

LOG

Top of Ground

(Elev. above sea level 4160)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0 to 25 gravel

25 to 32 clay and gravel

32 to 41 gravel

41 to 44 loose gravel bailed 30 gal per minute

Total Depth 44 ft.

Show exact depth of bottom.

Owner Martin E. Miller Address Sewell Addition

Driller Walter J. Riddock Address Helena, Montana

Date of Notice of appropriation of groundwater March 18, 1966

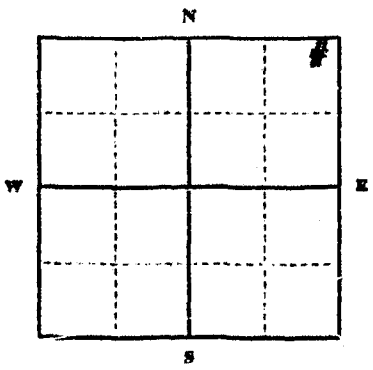
Date well started March 14, 1966 Date completed March 18, 1966

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"	17 #6"	0	44	None		



Static Water Level for non-flowing well 23 ' feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 35 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer

Length of Test 2 Hr.

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

¼ Sec. 6 T. 10N R. 3 West

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).

Sewell Addition Tract B.

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.

Montana WO 49
Driller's License Number

Walter J. Riddock
Driller's Signature

40939

17484

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this 28th day of Mar A.D. 19 26 at 30 min. past 8 o'clock A M

Records of Lewis & Clark County, State of Montana.

John Lonich
County Recorder

Frances A. Russell
Deputy

2.00

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED

County Lewis & Clark

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 Martin B. Mills

Address 690 Lowell Rd
Helena Montana

Date well started MAY 10-73
completed MAY-12-73

For Administrator's Use
File 234828
MAY 17, 1973
GW 1 10:30 a.m.

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

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

Water Use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐

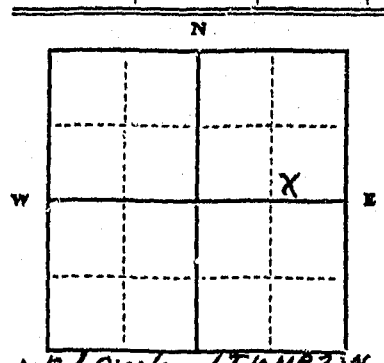
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☑

*Describe .....

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

ESTIMATED ANNUAL WITHDRAWAL .....

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 16LB	7	74	NO		



N½ NE¼ SW¼ SECTION 23 T10N R3W of MPM

.....¼ .....¼ Sec.....
T..... N/S R..... E/W

Static water level 20 ft.*
Pumping water level .....ft.*
at .....gallons per minute,
measured .....minutes after pumping began.
*Measured from ground level.
Well developed by BAILER
for 2 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) .....
NO

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

Driller's Signature A. F. Welch

Driller's Address 980 Rimini Rd.
Helena LICENSE NO. 100

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	6	CELLAR
6	42	SAND & GRAVEL CLAY
	42	WATER
42	80	SAND & WATER
	80	WATER

80 Show exact depth of bottom

53,201

234828

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on the 17 day of 30 min. past A.D. 19 73 at 4 o'clock PM

Records of Lewis & Clark County, State of Montana

County Clerk and Recorder

By [illegible]
Deputy

Fee $8.00

MAY 10-73
MAY 10-73
FILED
CARL TOOLS

10N-3W

GW 2 Revised 1969
13—3M—10/69

County LEWIS & CLARK

6

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 DONALD R. MLEKUSH

Address 546 MILL ROAD
HELENA, MONTANA

Date well started OCT-70
completed OCT-70

For Administrator's Use
File 216962
April 30-1971
1:00 PM
GW 1

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

Equipment used CHURN (Churn drill, rotary or other)

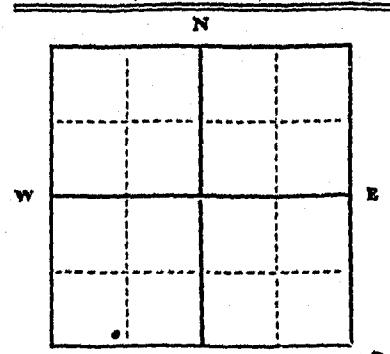
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 70.000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	17lb	0	42	NONE		



BIG SKY S LOT 7 BLK 7
¼ SW ¼ Sec. 6
T. 10 N. N/S R. 3 E/W

Static water level 15 ft.*
Pumping water level 35 ft.*
at 20 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by BAILER
for 2 hours.
Power ELEC Pump 1/2 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 Wesley Lindsay

Driller's Address Clancy Montana

LICENSE NO. 38

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	5	TOPSOIL + GRAVEL
5	28	GRAVEL + SAND
28	36	CLAY
36	40	SAND + SILT
40	42	GRAVEL + SAND

42 Show exact depth of bottom

48443

Indexed
Recorded
Compared

216962

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 30 day of Apr A.D. 19 77 at 8 min past 1 o'clock P M.

Records of Lewis & Clark County, State of Montana.

County Recorder

By Carol Buckson
Deputy

2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—50551

File No.

DUPLICATE

Section 6 T 10 R 3 west
Lot 5 Block 2 Riddock Sub.Div.
County L & C

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 Ralph &Isabelle Monerier Address 1070 Sun Valley Dri.

Driller Walter Riddock Address Helena, Mont.

Date of Notice of appropriation of groundwater 1961

Date well started June 10 61 Date completed June 16.61

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

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"	17# 6"	0	45		None	

LOG

Top of Ground

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

1 foot top soil

2' - 12 gravel

12 to 15 clay

15 to 25 tight gravel and clay mixed.water

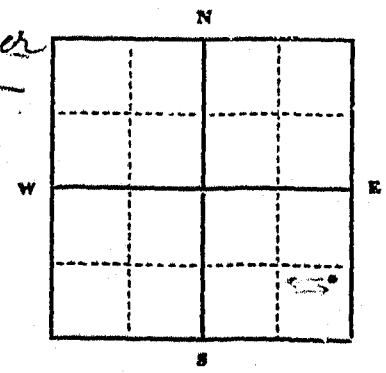
15 to 37 tight gravel
37 to 41 clay

41 to 45 water gravel

20 gal per min.

Show total depth of bottom.

Doc. No. 212295
Filed for record
this 16 day of September
A.D. 19 70, at 9:35
o'clock A M.



.....¼.....Sec..... T..... R.....
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 18 feet

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

Pumping Water Level 22 feet at 20 gal. per minute.

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

How Tested Bailer

Length of Test 2 hr.

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).

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.

Mont. No. 49
Driller's License Number

Walter Riddock
Driller's Signature.

47538

212295

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 16 day of Sept A.D. 19 70 at 35 min. past 9 o'clock AM.

Records of Lewis & Clark County, State of Montana.

County Recorder

By C. Lipsey
Deputy

2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—20551

File No.....

DUPLICATE

Section 6 T 10 R 3 west
Lot 5 Block 2 Riddock Sub.Div.
County L & C

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 Ralph &Mabelle Memerier Address 1070 Sun Valley Dri.

Driller Walter Riddock Address Helena, Mont.

Date of Notice of appropriation of groundwater 1961

Date well started June 1? 61 Date completed June 16.61

Type of well (Dug, bored or drilled) Equipment used (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.

LOG

Top of Ground

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

1 foot top soil

2' - 12 gravel

12 to 15 clay

15 to 25 tight gravel and clay mixed.water

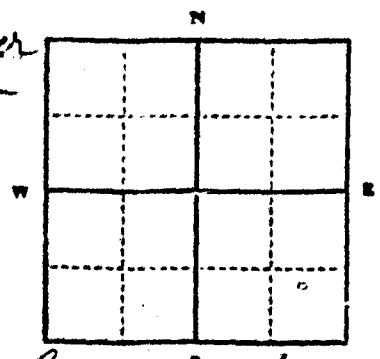
15 to 37 tight gravel
37 to 41 clay

41 to 45 water gravel

20 gal per min.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	17# 6"	0	45		None	

212295
16 September
70 9:35



Static Water Level for non-flowing well 18 feet.

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

Pumping Water Level 25 feet

at 20 gal. per minute.

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

How Tested Bailer

Length of Test 2 hr.

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

Lots 5 Block 2 Riddock Subdivision

N1/3 SE1/4 SE1/4 Sec 6 T 10 N R 3 W

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

N1/3 SE1/4 SE1/4 of SEC 6 T 10 N R - 3 west

.....(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 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.

Driller's License Number

Walter Riddock
Driller's Signature.

47538

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45642 3

File No.....

T. 10 N R. 3 W

DUPLICATE

County Lewis & Clark

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.....)

0

Sand & Gravel

40

40 Water

Show exact depth of bottom.

Mr. & Mrs. Owner Howard K. Morgan Address 650 Rhondale

Driller A.F. Welch Address Helena, Mont

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

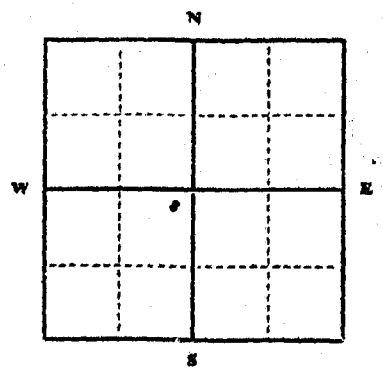
Date well started Sept. 3 Date completed Sept. 4, 1969

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 ☐

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 5/8	6 5/8 17 Lbs	0	40		No	



.....¼.....Sec. 6..... T. 10 R. 3.....
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well .....30.....feet.

Shut-in Pressure for Flowing Well....No.....

Pumping Water Level....43.....feet at.....15.....gal. per minute.

Discharge in gal. per min. of flowing well .....No.....

How Tested....Bailer.....

Length of Test....2 Hrs.....

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

.....None.....

.....(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).

Small Tracts
S½ Lot 7

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.

.....100.....
Driller's License Number

A. F. Welch
Driller's Signature.

45755

206013

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } s.

I hereby certify that the within in-
strument was filed in my office on
this 22 day of Sept
A.D. 19 69 at 12 min. past
9 o'clock A.M.
Records of Lewis & Clark
County, State of Montana

Indexed
Recorded
Compared

County Recorder
By Carol Shute
Deputy
Fee 2.00

MONTANA WATER RESOURCES BOARD
RECEIVED
OCT 22 1969

G -Helena Independent Record

File No.

DUPLICATE

T 10 N R 3 W

County Lewis & Clark

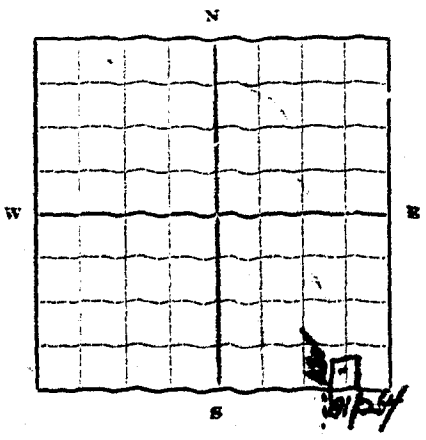
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Oscar O Mossey (Name of Appropriator) of 1120 Mill Road (Address) Helena (Town)
County of Lewis + Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ SE ¼ Sec. 6 T. 10 N R. 3 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 lawn garden, shelter belt and house

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1954. Continuous for house. 3 month for rest.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof no other irrigation except what has been stated.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump in center of market plot.

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

8. The depth of water table 43 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
drilled well - 6 inch casing 43 ft deep

10. The estimated amount of groundwater withdrawn each year 348,900 gallons

11. The log of formations encountered in the drilling of each well if available 15 ft gravel, 13 ft hardpan, 10 ft gravel water table

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 log from driller

Signature of Owner Oscar O Mossey

Date 4-17-62

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

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

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

411

131431

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 17a day of Apr A.D. 19 62 at 8:30 min. past 8 o'clock A M.

Records of Lewis & Clark County, State of Montana.

County Recorder

By Lorraine C Russell
Deputy

$2.00

GW

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

6

File No.

DUPLICATE

T 10N R 3W
Lot 11, Block 8, College Addn.
County Lewis and Clark

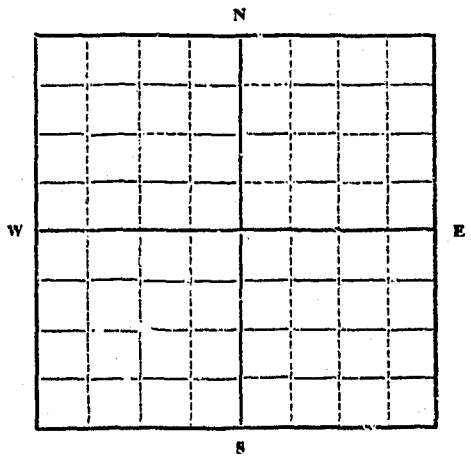
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 7 1966
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. A. L. NEILSON and CARRIE L. NEILSON of 5530 North Montana Avenue, Helena,
(Name of Appropriator) (Address) (Town)
County of Lewis and Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....¼..... Sec..... T..... R.....

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

Lot 11, Block 8, of the College Addition to the City of Helena, Montana.

2. The beneficial use on which the claim is based household use, lawn and shrubbery

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

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 3/4 h.p. pump, fitted with 2 inch pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater completed in 1952 - date of commencement not known.

8. The depth of water table 20 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 4 inch casing, 40 feet deep

10. The estimated amount of groundwater withdrawn each year 864,000 gallons

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

Carrie L. Neilson

Signature of Owner A. L. Neilson

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.

4573

144509

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss.

I hereby certify that the within instrument was filed in my office on this 3 day of June A.D. 19 63 at 10 min. past 1 o'clock P M.

Records of Lewis & Clark County, State of Montana.

Helen Lomich
County Recorder

By C. Lipsko
Deputy

$2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—423a

File No.....

STATE WATER CONSERVATION BOARD

OCT 3 1966

T. 8N. R. 3 West

County Lewis & Clark

DUPLICATE

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Frank W. Newton Address Sewell Lane

Driller A. F. WELLS Address HELENA

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

Date well started APR 6 Date completed APR 7-66

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

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

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, chale, 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 5/8	6 5/8 19#	6	39			

CELLAR

SAND

GRAVEL

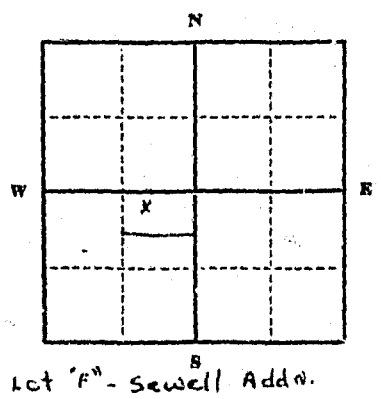
WATER

0

6

39

Show exact depth of bottom.



Lot "F" - Sewell Addn.
in
N½ NE¼ SW¼ of Sec. 6 T. 10N. R. 3W

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

Static Water Level for non-flowing well 15 feet.

Shut-in Pressure for Flowing Well N/A

Pumping Water Level 15 feet

at 15 gal. per minute.

Discharge in gal. per min. of flowing well NO

How Tested BAILER

Length of Test 2 HRS

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

NONE

(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).

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.

100
Driller's License Number

A. F. Wells
Driller's Signature

41,465

181540

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office this 26 day of Sept A.D. 19 66 at 33 min past 8 o'clock a M.

Records of Lewis & Clark County, State of Montana

Clerk and Recorder

By Norma Kelley Deputy

2.00

GW

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

File No.

T. 10N R. 3W

DUPLICATE

County L + C

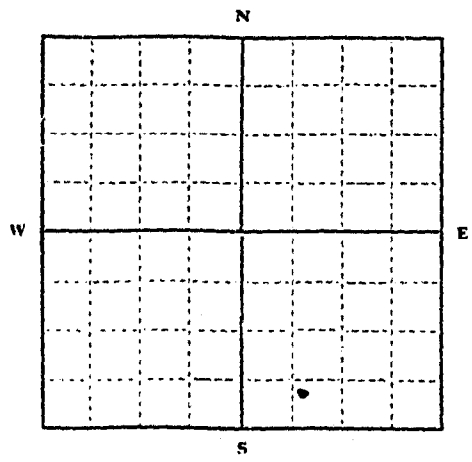
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 10 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Michael G. NICK (Name of Appropriator), of 5210 Kerr Lane (Address) Helena (Town)
County of Lewis + Clark State of MONT.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 6 T. 10N R. 3W

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

E 1/2 of SW 1/4 of SE 1/4

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been MARCH 10 - 1961 IN Continuous USE

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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
2 Acres - lawn - horses
horse pasture
Michael Nick

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 2 - 1961 - completed in use March 10-1961

8. The depth of water table 19 Ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well - 6" casing - 41' deep

10. The estimated amount of groundwater withdrawn each year 750,000 gal.

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

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 Michael G. Nick

Date 12-6-63

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.

5304

150 659

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within instrument was filed in my office on this 9a day of Dec A.D. 1963 at # min. past 11 o'clock a M. and recorded on page ____ of Book ____ of ____ Records of Lewis and Clark County, State of Montana.

County Recorder

By Deputy

$ 2:00

GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
5 1973

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 E. Carl Olsen

Address 5080 Kerr Drive
Helena, Montana

Date well started

completed

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

Equipment used Churn
(Churn drill, rotary or other)

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

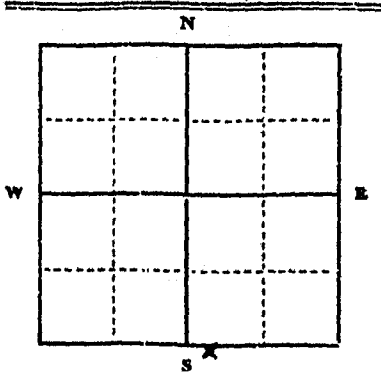
*Describe

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).

For Administrator's Use	
File	230544
	6-29-73
GW 1	11:54 p.m.

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" 15lb	+1.5	~~26x~~ 39.0"			



SW ¼ SE ¼ Sec 6
T 10 N R 3 W
N/S E/W

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

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

Driller's Signature Lindsey ??

Driller's Address

LICENSE NO.

County Lewis & Clark

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)	

39 ft Show exact depth of bottom

55633

236544

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } S:

I hereby certify that the within in
strument was filed in my office on
this 29 day of June
A.D. 19 73 at 27 min past
11 o'clock A.M.
Records of Lewis & Clark
County, State of Montana

Glen Knight
County Recorder
By Carol Erickson
Deputy
2.00

Indexed
Recorded
Compared

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUL 3 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES & CONSERVATION

County Lewis & Clark

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: E. Carl Olsen

Address 5080 Kaw Lane
Helena, Mt. 59601

Date well started May 12, 1973
completed May 13, 1973

For Administrator's Use
File 23648
June 29 1973
GW 1 9:45 A.M.

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 ☐

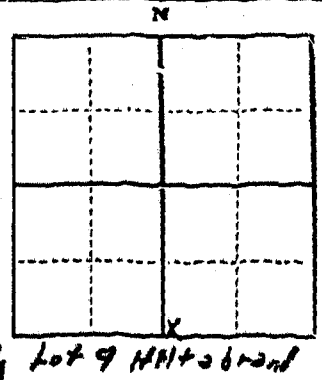
*Describe

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 5/8"	6" 50 15 lb	+1.5'	36.0'			

Static water level 19.5 ft.*
Pumping water level 30 ft.*
at 10 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by bailing
for 8 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)



N½ Lot 9 Hilltop Ranch Sub division
SW ¼ SE ¼ Sec. 6
T. 10 N R. 3 E

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

Driller's Signature Leonard C. Mahlum

Driller's Address 220 E. Custer Ave. West
Helena, Montana 59601 LICENSE NO. 225

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)	
0.0	26.0'	Silty Sandy gravel
26.0'	35.0'	Tan Silty Sand
35.0'	36.0'	Coarse Sand, fine gravel with water
36.0'		Bottom of hole

36.0' Show exact depth of bottom

54754

236418

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } S:

I hereby certify that the within in
strument was filed in my office on
this 29 day of June
A.D. 19 [illegible] at 9:31 min. past
9 o'clock A.M.
Records of Lewis & Clark
County, State of Montana.

County Recorder
By Carol Crockett
Deputy

2.00

Indexed
Recorded
Mailed

RECEIVED

GW 2

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

File No.....

Sec 6 T. 10 N R. 3 W

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
MAR 11 1968

County Lewis & Clark

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

0 – 12 ft gravel

12 – 29 ft gravel + clay

– static

29 ft to 38 ft hardpan

38 ft to 44 ft silt + sand

44 ft to 45½ ft gravel + sand

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Harry Palmer Address 5185 Kessler

Driller Wesley Lindsay Address Cleveland Montana

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

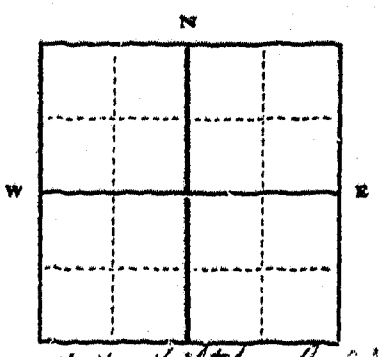
Date well started Dec 17, 1966 Date completed Dec 19, 1966

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 ☐

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"	17 lb.	0	45½	none		



Lot 4 Helstrand Subdivision

.....¼.....Sec. 6 T. 10 N R. 3 W

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

Static Water Level for non-flowing well .....12.....feet.

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

Pumping Water Level.....25.....feet at.....20.....gal. per minute.

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

How Tested.....bailer.....

Length of Test.....2 hrs.....

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).

.....irrigate garden + yard.....

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.

38

Driller's License Number

Wesley Lindsay

Driller's Signature.

43.896

194182

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within in-
strument was filed in my office on
this 6 day of Mar
A.D. 1968 at 75 min. past
10 o'clock A M.
Records of Lewis & Clark
County, State of Montana.

County Recorder

By M Dye
Deputy

2.00

Indexed
Recorded
Compared