GW

File No.....

DUPLICATE

T. 35 N R. 7 B 14

County Liberty

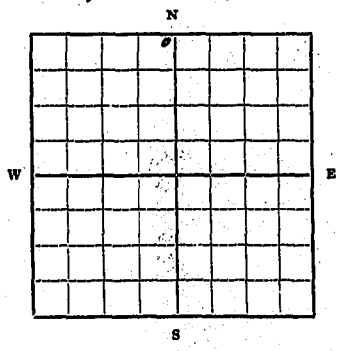
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 12 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Francis L. Richter (Name of Appropriator), of Joplin (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE¼NW¼ Sec. 14 T 35 R. 7

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

2. The beneficial use on which the claim is based Stock & House hold Garden & Lawn Crop spray Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Nov 1930 Steady use

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof No irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Aug 1930 Nov 1930

8. The depth of water table 84 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
Size is a 6 in cased well
depth is 97 ft

10. The estimated amount of groundwater withdrawn each year 700,000 gals

11. The log of formations encountered in the drilling of each well if available None 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
No records

Signature of Owner Francis L. Richter

Date 3/7/1962

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.

1670

82102

STATE OF MONTANA,
County of Liberty, } ss.

Filed March 8, 1962

at 11:15 o'clock A. M.

Ailene Lucas
County Clerk

By _____
Deputy

Fee $ 2.00

Approved Stock Form—State Publishing Co., Helena, Montana—1933

File No.

DUPLICATE

T. 35N R. 7E

County Liberty

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.....)

MONTANA WATER RESOURCES BOARD
RECEIVED
DEC 9 1971

Doc. No. 91800
Filed for record
this 7 day of December
A. D. 19 71, at 4:45
o'clock P M.

Owner J. N. McDowell & June McDowell Address Chester, Montana

Driller None Address

Date of Notice of Appropriation of Groundwater Nov. 18, 1971

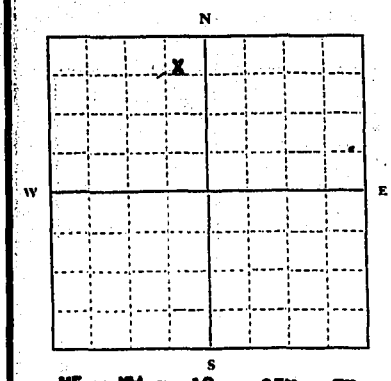
Date well started Oct. 1971 Date Completed Nov. 18, 71.

Type of well Shallow (dug, driven, bored or drilled) Equipment Used Backhoe (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)
4'	4' casing 16 Ga	18' deep				



NE ¼ NW Sec. 18 T 35N R. 7E

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

Static Water Level for non-flowing Well 5' feet.

Shut-in Pressure for Flowing Well seepage well

Pumping Water Level ..... feet at 1 gal. per minute.

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

How Tested Didn't Length of Test ----

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) to water schrubs, trees etc

Show exact depth of bottom.

Driller's License Number

Driller's Signature

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

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

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

49560

91800

STATE OF MONTANA,
County of Liberty. } ss.

Filed 12-7 19 71

at 4:45 o'clock P M.

Dora Geerlingsen
County Clerk

By _____ Deputy

Fee $ 2.00

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

File No. _____ T. 35N R. 7E

DUPLICATE

RECEIVED

County Liberty

JAN 0 9 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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 _____)

MONTANA WATER RESOURCES BOARD
RECEIVED
DEC 9 1971

Owner J. H. McDowell & June McDowell Address Chester, Montana

Driller None Address _____

Date of Notice of Appropriation of Groundwater Nov. 18, 1971

Date well started Oct. 1971 Date Completed Nov. 18,71.

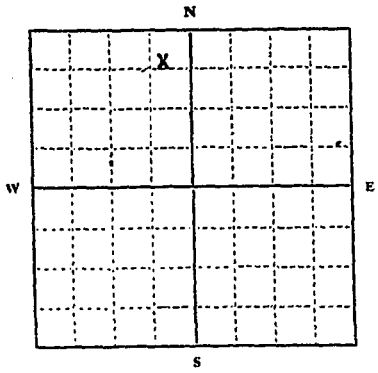
Type of well Shallow (dug, driven, bored or drilled) Equipment Used Backhoe (Churn, drill, rotary or other)

Doc. No. 91800
Filed for record this 7 day of December A. D. 19 71, at 4:45 o'clock P M.

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)
4'	4' casing	16 Ga				
		18' deep				



NE ¼ NW Sec. 18 T35N R.7E
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 5' feet.

Shut-in Pressure for Flowing Well seepage well

Pumping Water Level _____ feet at 1 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Didn't Length of Test ----

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) to water schrubs, trees etc

Driller's License Number _____

J H McDowell
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.

GW

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

File No.

T. 35N R. 7E

DUPLICATE

County Liberty

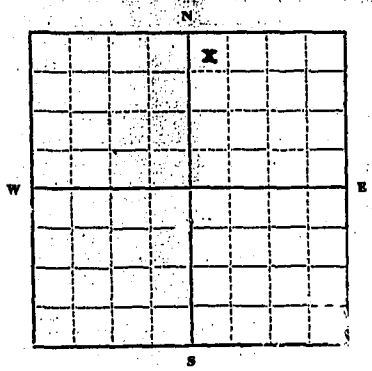
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 10 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NE ¼ Sec. 18 T. 35N R. 7E

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, stock and spray water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 1940 and continuously since that time

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 Not Applicable

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 1940

8. The depth of water table 140 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 In. Hole 140 ft. deep

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

11. The log of formations encountered in the drilling of each well if available No Log Kept

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 J. H. McDowell

Date Dec. 9, 1963

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

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

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

8363

840066

STATE OF MONTANA,
County of Liberty, } ss.

Filed Dec. 9 19 63

at 2:10 o'clock P. M.

Gilbert Greene
County Clerk

By Dora Hamburger
Deputy

Fee $ 2.00

GW 2 Revised 1969
13—3M—10/69

MONTANA WATER RESOURCES BOARD
RECEIVED
NOV 19 1971

35N 7E 23

County LIBERTY

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 287 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 THOMAS A. WOOD

Address TOPLIN
MONTANA

Date well started 3/27/71
completed 4/7/71

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

Equipment used CABLE TOOL RIG
(Churn drill, rotary or other)

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

For Administrator's Use	
File	91737 November 18, 1971 1:15 P.M.
GW 1	

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8 1/2"	6 5/8" OD 13# PER FOOT .188 WALL	4 1/2 FEET BELOW GROUND LEVEL	139	(NO PERFORATIONS) WATER COMING IN THRU BOTTOM OF CASING AT 139 FT LEVEL. SANDSTONE LEFT OPEN. NO CASING BELOW 139 FOOT LEVEL		

Static water level BROKEN LEVEL.*
Pumping water level 135 ft.*
at 3 3/4 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by BAILER + PUMP
for 3 hours.
Power ELECTRIC Pump 3/4 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) HOLE REAMED TO APPROX. 8 1/2". CASING INSTALLED TO 139 FT LEVEL + CEMENTED TO SEAL OFF WATER AT 51-55 FT + ALSO TO SEAL OFF SURFACE CONTAMINATION

N
W E
S

NE ¼ NE ¼ Sec. 23
T. 35 N/S R. 7 E/W

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

Driller's Signature Herbert Greier

Driller's Address 1173 6TH ST NO.
HAVRE, MONTANA LICENSE NO. 46

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	GRAVELLY SOIL
	6	GRAVELLY BROWN CLAY
	27	GRAVELLY YELLOWISH-BROWN CLAY
	50	GREY CLAY
	51	BOULDER
	55	SANDY GREY CLAY - SMALL AMOUNT OF WATER APPROX ½ GPM - CEMENTED OFF
	84	DICED DARK GREY SHALE (CAVING BADLY)
	90	DARK GREY SHALE
	92	SANDY DARK GREY SHALE
	102	DARK GREY SHALE
	103	HARD SANDSTONE
	109	SANDY GREY SHALE
	111	HARD SANDY GREY SHALE
	113	FIRM SANDY GREY SHALE
	139	GREY SHALE
	140	HARD SANDSTONE SHELL
140	154	GREY SANDSTONE - WATER - APPROX. 4 GPM, BAILING FROM BOTTOM OF HOLE
	156	SANDY BROWN SHALE

156 Show exact depth of bottom

49435

91737

STATE OF MONTANA,
County of Liberty, } ss.

Filed Nov 18 19 71

at 1:15 o'clock P. M.

Dora Heimbeigner
County Clerk

By _____
Deputy

Fee $ 2.00

GW

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

23

File No.

T. 35 N R. 7 E

DUPLICATE

County Liberty

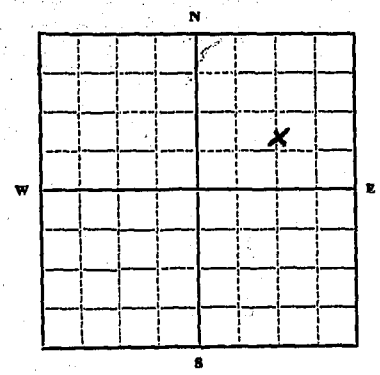
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 22 1968
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Leland D. Hodges (Name of Appropriator), of Box 87 (Address) Joplin (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ Sec. 23 T. 35 R. 7

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 1940
Used continuous for home

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1940

8. The depth of water table 10' to water

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 130'
Drilled well
5" case

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

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 don't know of any

Signature of Owner Leland Hodges

Date 11-20-68

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.

7452

83948

STATE OF MONTANA } ss.
County of Liberty,

Filed Nov 20, 19 63
at 2:40 o'clock P M.
Gilbert Gaines
By Dora Lee Tyler
Fee $ 50

Approved Stock Form—State Publishing Co., Helena, Montana—38687 23

File No. .....

DUPLICATE

T. 35 N R. 7 E

County Liberty

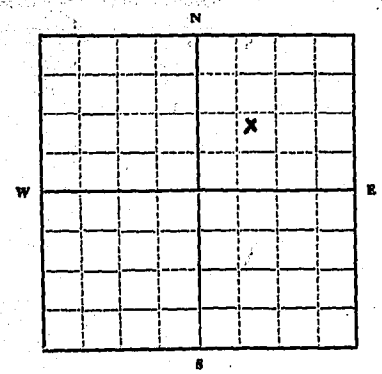
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED NOV 22 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Leland D. Hodges (Name of Appropriator), of Box 87 (Address) Joplin (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ Sec. 23 T. 35 R. 7

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: 1940
Used for Bunkhouse

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 6 gal minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1941

8. The depth of water table: 30' to water

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: 140
Drilled well
5" Casing

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

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: Don't know of any

Signature of Owner: Leland Hodges

Date: 11-20-63

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

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

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

7451

83947

STATE OF MONTANA,
County of Liberty, } ss.

Filed Nov 20 19 63
at 2:40 o'clock P. M.
Gilbert Greiner
County Clerk
By Alice Steinbiger
Deputy
Fee $ 2.00

35N 7E

Joy

Liberty Co.

WR

STATE OF MONTANA

OIL AND GAS CONSERVATION COMMISSION

325 FULLER AVENUE
BOX 217
HELENA, MONTANA 59601

August 20, 1971

Water Conservation Board
Water Resources Engineer
Sam W. Mitchell Building
Helena, Montana 59601

DIR c.c. (letter) INF
ENG CARTO
PLN LGL
WRD bri ECO
PERS L. A.
ACC

Dear Sir:

Enclosed you will find a copy of a Release Agreement for the utilization of a fresh water well.

Operator Lawrence Barker, Jr.

Lease Name: Joy, Fred

Well No. 21-11, Sec. 21, Twp. 35N, Rge. 7E
Liberty County

Yours very truly,

N. J. Beaudry
Norman J. Beaudry
Executive Secretary

NJB/ml
Encl.

cc: Mr. W. Bond
Bureau of Mines and Geology
Butte, Montana 59701

APPROVED BY:
Oil and Gas Conservation Commission

Judson D. Sweet
Petroleum Engineer, Geologist, or Executive Secretary

Dated: August 18, 1971, 19__

48919

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA

RELEASE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, that I, Fred Joy in _____ of the County of Liberty in the State of Montana, am the owner of the hereinafter described land upon which a well for oil or gas was drilled, to-wit:

Operator Lawrence Barker, Jr.

Lease Name Joy

Well No. 21-11 Sec. 21, Twp. 35N, Rge. 7E

The well is located 1980 feet ~~S~~ N of the South line and 1980 feet ~~W~~ E of the West line.

That, in accordance with Regulation 233.6, Order No. 1-1, November 30, 1953, I do hereby notify the Oil and Gas Conservation Commission of the State of Montana of my desire to utilize said well as a fresh water well; and, that if such utilization is approved, I do hereby release and discharge the operator hereinabove named from any further work or responsibility in relation to the plugging of said well.

~~XXXXXXXX~~ Domestic x Municipal ____ Stock ____ Other ____

Industrial ____ Drainage ____ Irrigation ____

Producing Depth 560 Producing Formation Eagle

Yield of well ? Annual Withdrawal _____

WITNESS my hand and seal this 13th. day of August, 19 71.

Fred Joy (L.S)
Landowner

Address _____

Joplin, Montana 59531

Subscribed and Sworn to before me this 13th. day of August, A. D. 1971

~~IN THE PRESENCE OF~~:

Bernice Dale Bell
~~XXXXXX~~ Notary Public for the State of Montana
Residing at Shelby, Montana 59474
My Commission expires Mar. 16, 1972

Address _____

APPROVED BY:

Oil and Gas Conservation Commission

Andrew J. Smith
Petroleum Engineer, Geologist, or Executive Secretary

Dated: August 18, 1971, 19__

48919

GW

31

File No.....

T. 35N R. 7E

DUPLICATE

County Liberty

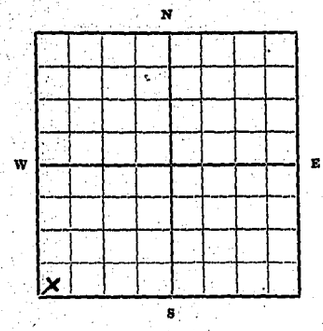
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I Keith McDowell, of Chester
(Name of Appropriator) (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW¼SW¼ Sec 31E T35N R.7E.
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic Use, Stock Water & Spraying

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 Gallons Per Minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater In 1963 Enlarged and put in New Casing

8. The depth of water table 5 Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 Foot Steel Casing 14 feet Deep. Also has Section 10 feet long and 6 feet in diameter horizontal in the bottom of well of Steel. This together with the upright 6 foot casing makes a storage of over 3,000 gallons of water available at all times.

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

11. The log of formations encountered in the drilling of each well if available ~~XXXXXX~~ Five feet of clay loam then gravel the rest of the way.

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

Signature of Owner Keith McDowell

Date Dec. 17, 1963

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

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

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

24556

84280

STATE OF MONTANA,
County of Liberty, } ss

Filed Dec 30 1963
at 10:10 o'clock A. M.
Allen Greiner
County Clerk
By Dora Thenbyne
Deputy
Fee $ 2.00

GV

Approved Stock Form—State Publishing Co., Helena, Montana—19687

File No. .....

T. 35 N R. 7

DUPLICATE

County Liberty

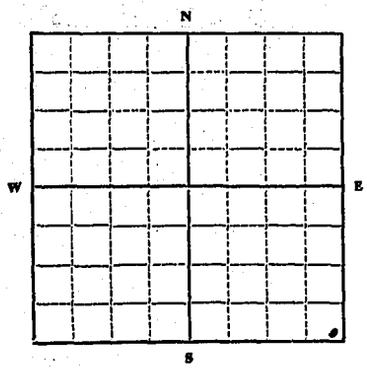
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edward Milner, of Joplin
(Name of Appropriator) (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec. 33 T. 35 R. 7

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 1956 used every day

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. 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

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 1956

8. The depth of water table 20 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater It was drilled with a 6" hole and it has galvanized casing in it, which is of 5 inches. The well is 115 ft deep

10. The estimated amount of groundwater withdrawn each year 80,000

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

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

Signature of Owner Edward Milner

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.

24546

84261

STATE OF MONTANA,
County of Liberty, } ss.

Filed Dec. 27, 1963

at 3:10 o'clock P. M.

Gilbert Greiner
County Clerk

By Dora Hemmingsen
Deputy

Fee $ 2.00

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

File No. .....

T. 35 N R. 7 E

33

DUPLICATE

County Liberty

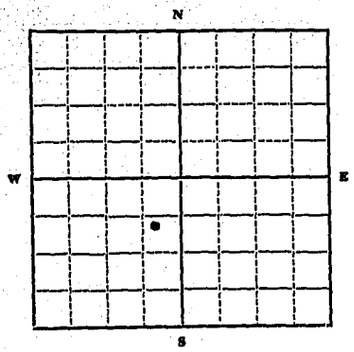
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Mlinar Bros (Name of Appropriator), of (Address) Joplin (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 33 T. 35 R. 7

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 Possible future use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1943 - Used for about 5 years

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gals 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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal None at present

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

8. The depth of water table Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater a drilled 6" hole, with a galvanized 6" curb about 90' deep.

10. The estimated amount of groundwater withdrawn each year None at present.

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

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

Signature of Owner Mlinar Bros by Leslie Mlinar

Date Dec. 17, 1963

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

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

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

10113

84143

STATE OF MONTANA,
County of Liberty, } ss.

Filed Dec. 17 1963

at 3:25 o'clock P. M.

Arlene Stremick
County Clerk

By ..... Deputy

Fee $ 2.00

GROUNDWATER INDEX

Page ___ of ___

County Liberty Twp. 34 N Rge. 4 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
7	Rudolph, Paul	Well Log	—	
5	Stoner, John L.	GW 4	5918	
7	Axtman, Mary Ann	GW 3	93312	
9	Blair, Jesse	Well Log	—	
12	Rudolph, Paul	" "	—	
16	Blair, Jesse	" "	—	
26	~~Rudolph~~, Blair, Jesse	" "	—	
33	Rockman, Senior	GW 4	83364	
34	" Edward	— 4	83466	

W 3

Approved Stock Form—State Publishing Co., Helena, Montana—12262

File No. _____

RECEIVED

JUL 2 1973

MONTANA BUREAU OF MINES AND GEOLOGY

T 34 R 4

DUPLICATE

County Liberty

Surface H2O

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 29 1973

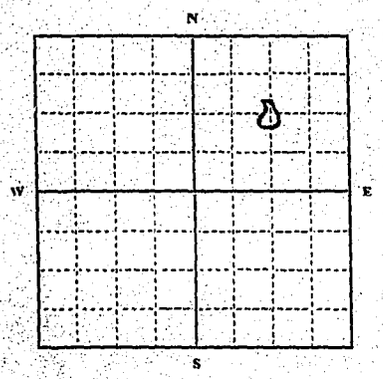
Owner Mary Ann Cottman Address Galata, Mt.

Contractor (if any) unknown

Address of Contractor "

Date Started " Date Completed "

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



NE ¼ Sec. 7 T 34 R 4

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

93312
June 29, 1973
4:15 p.m.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use 2 acre

cattle 4 months per year

Signature of Owner Mary Ann Cottman

Date June 29, 1973

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

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

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

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

54621

93312

STATE OF MONTANA,
County of Liberty, } ss.

Filed June 29, 1973
at 4:15 o'clock P M.
Nora Hamlin
County Clerk
By Glora Lepp
Deputy
Fee $2.00

Form No. 18
8-60

T. 34 R. 4

County Liberty

RECEIVED
JUL 17 1961
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Paul Rudolph Address Chester, Montana.

Driller Earl Heaverland Address Chester, Montana

Date Started May, 1961 Date Completed May 1961

Location: Sec. 1 T. 34 R. 4 ¼ sec.

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

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

Casing: 125 ft. to ft. Type steel Size 7"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 6' to ft. . Ft. to ft.

Type of screen or perforations drilled

Static Water level, for non-flowing well: 60' feet.

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

Pumping water level feet at 3 gal. per min.

How tested: Not tested

Length of test

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
1	123	clay

4—Helena Independent Record

File No.....

T. 34 N R. 4 EAST

DUPLICATE

County LIBERTY

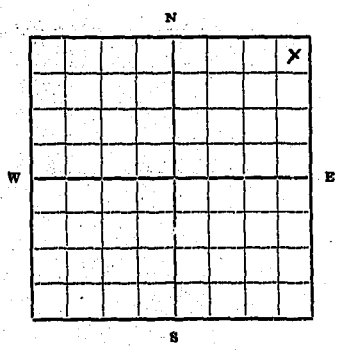
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 17 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. JOHN L. STONER, JR., of STAR ROUTE GALATA
(Name of Appropriator) (Address) (Town)
County of LIBERTY State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ NE ¼ Sec. 5 T. 34 R. 4 EAST

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 LIVESTOCK USE

3. Date or approximate date of earliest beneficial use; and how continuous the use has been JULY 15, 1958, CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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 NO IRRIGATION

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal DEEP WELL JET PUMP ONE WELL, LOT 1, SECTION 5, T 34, R 4 EAST

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater JUNE 1, 1958, COMPLETED JULY 15, 1958

8. The depth of water table 150'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 8" DRILLED WELL, 197 FEET DEEP

10. The estimated amount of groundwater withdrawn each year 90,000 GAL

11. The log of formations encountered in the drilling of each well if available NOT AVAILABLE

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

Signature of Owner John L. Stoner, Jr.

Date Dec 5, 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.

5918

STATE OF MONTANA,
County of Liberty, } ss.

Filed Sept 16, 1963

at 1:20 o'clock P M

Arlene J. Greener
County Clerk

By Dora Steinberger
Deputy

Fee $ 2.00

9

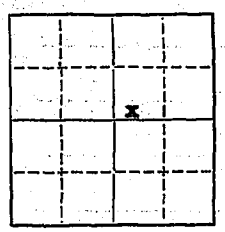
T. 34 N. R. 4 E.

County Liberty

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 28 1957
STATE ENGINEER

WATER WELL LOG



Owner: Jesse Blair Address: Galata, Montana

Driller: Otis Edwards Address: Chester, Mont.

Date Started ..... Date Completed 1948

Location: Sec. 9 T. 34 N. R. 4 E. ¼ sec. SW¼NE¼

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

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

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

Casing: 108 ft. to ..... ft. Type ..... Size .....

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

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

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

Type of screen or perforations .....

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

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

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

How tested: .....

Length of test .....

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

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(over)

12

Form No. 18
8-60

T. 34 R. 4

County Liberty

RECEIVED
JUL 17 1961
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Paul Rudolph Address Chester, Montana

Driller Earl Heaverland Address Chester, Montana

Date Started Feb. 1961 Date Completed March 1,1961

Location: Sec. 12 T. 34 R. 4 ¼ sec.

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

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

Casing: 80 ft. to ft. Type galvanized Size 5½"

Casing: 116 ft. to ft. Type steel Size 7"

Casing: ft. to ft. Type Size

Perforated ~~xxxxxxxxxx~~: Ft. 8' to ft. . Ft. to ft.

Type of screen or perforations drilled

Static Water level, for non-flowing well: 80' feet.

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

Pumping water level 80' feet at 3 gal. per min.

How tested: not tested

Length of test

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

Shut-off with pipe at 108'

(over)

Log of Well

Depth, feet From	To	Description of Material Drilled
1	108	Clay
108	110	Quick sand
110	130	blue clay
130	150	sand rock and clay
150		water in sand

T. 34 N. R. 4 E.

County Liberty

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 28 1957
STATE ENGINEER

WATER WELL LOG

Owner Jesse Blair Address Galata

Driller Sherman Hill Address Galata

Date Started Date Completed 1940

Location: Sec. 16 T. 34 N. R. 4 E. ¼ sec. NE¼SE¼

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

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

Industrial [ ] Drainage [ ] Other:

Casing: 145 ft. to ft. Type Size 5 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations

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

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

Pumping water level feet at gal. per min.

How tested:

Length of test

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

(over)

26

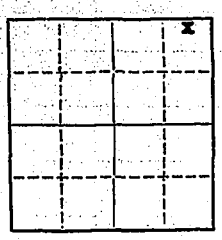
T. 34 N. R. 4 E.

County Liberty

RECEIVED
JUN 28 1957
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner: Jesse Blair Address: Galata, Montana

Driller: Anaconda Company Address: Butte

Date Started ..... Date Completed: 1948

Location: Sec. 26 T. 34 N. R. 4 E. ¼ sec. NE¼NE¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: .....

Casing: 240 ft. to ..... ft. Type ..... Size .....

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

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

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

Type of screen or perforations .....

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

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

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

How tested: .....

Length of test .....

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

.....

.....

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.....

.....

(over)

Helena Independent Record

File No. .....

DUPLICATE

T. 34 N R. 4 E

County Liberty

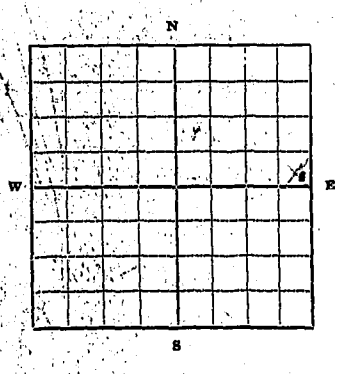
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 7 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Sevier Rockman, of Chester
(Name of Appropriator) (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE¼, SE¼ NE¼ Sec. 33 T. 34 R. 4 E

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

2. The beneficial use on which the claim is based for home stock and irrigation of shelfbelt

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Nov 1939, and steady continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Approximately 5 acres SE¼, SE¼, NE¼, Sec 33, T 34, R 4E Sevier Rockman

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric submersible pump SE¼, SE¼, NE¼ Sec 33 T 34, R 4E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 1939 to November 1939 completed

8. The depth of water table 60 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 5 inch steel casing and depth is 108 feet, raises 40 feet in well

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

11. The log of formations encountered in the drilling of each well if available 40 feet loam soil, 60 feet fine sand and balance sand rock

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

Signature of Owner Sevier Rockman

Date May 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.

4329

83364

STATE OF MONTANA, } ss.
County of Liberty,

Filed May 6 19 63

at 1:50 o'clock P M.

Gilcrest Greene
County Clerk

By Doris Christyson
Deputy

Fee $ 2.00

4—Helena Independent Record

File No.

DUPLICATE

T. 34 N R. 4 E

County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 17 1963
STATE ENGINEER

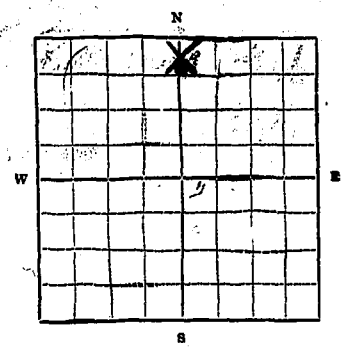
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Edward Rockman (Name of Appropriator), of Chester (Address) (Town)

County of Liberty State of Montana

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



N.E. ¼ Sec. 34 T. 34 R. 4 E

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

2. The beneficial use on which the claim is based: for home stock and watering of shelter Belt trees

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: has been in use since well was drilled in May 1944 and every year since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 gallon per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Approximately 3 acres NW¼ of NE¼ Sec 34-Town 34-R4E

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal NW¼ of NE¼ Sec 34-Town 34-R4E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Started drilling of well in May 1944 and was completed and in use in May 1944, same month

8. The depth of water table 60 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: 5" casing was used, depth of well is 170 ft deep water raises 110 ft in casing of well.

10. The estimated amount of groundwater withdrawn each year 320,000 galons yearly

11. The log of formations encountered in the drilling of each well if available: 30 ft of loam and blue clay and gravel sand rock that had to be shut out by driving 110 ft of 8" steel pipe and drilled inside of that 8" pipe to 170 ft and put 5" steel pipe to bottom of 170 ft

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

Signature of Owner Edward Rockman

Date June 14-1963

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.

4636.

83466

STATE OF MONTANA }
County of Liberty, } ss.

Filed June 14, 1963
at 2:15 o'clock P. M.
Aileen Greiner
County Clerk
By Dora Kleinberger
Deputy
Fee $ 2.00

GROUNDWATER INDEX

Page ___ of ___

County Liberty Twp. 34 N Rge. 5 E.

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
7	Dolezal, John D.	GW 4	83555	
7	" " "	— 4	83556	
10	Lyders, Martin N.	GW 2	82693	
14	Ploss, Alvin L.	GW 2	82739	
19	Hawks, Sena O.	GW 4	84319	
19	Hawks, Leo	3GW 2	92787	
24	Thielfoes, Peter	Well Log	—	
24	" "	" "	—	
25	Skari, A. M. & Sons, Inc.	GW 4	84267	

GW

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

7

File No.

T. 34 N. R. 5 E.

DUPLICATE

County Liberty

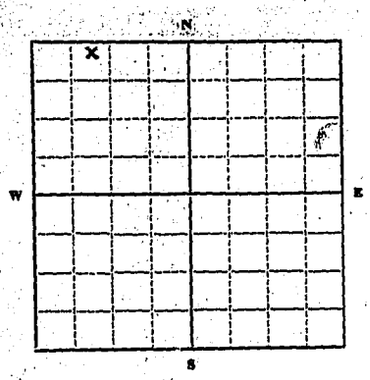
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I John D. Dolezal (Name of Appropriator), of Chester (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



ne ¼nw Sec. 7 T. 34 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
For stock and irrigation of shelter belt

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 22, 1952
Steady continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gal. a 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
2½ acre shelter belt and garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Gas engine & pump jack at present.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 22, 1952 and completed Sept. 30, 1952

8. The depth of water table 93 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 inch steel casing, 98 feet deep.

10. The estimated amount of groundwater withdrawn each year 350,000 gal.

11. The log of formations encountered in the drilling of each well if available
Log was not furnished by well driller

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 John D. Dolezal

Date July 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.

5196.

83555

STATE OF MONTANA, } ss.
County of Liberty,

Filed July 29, 19 63
at 3:55 o'clock P. M.

Arlen Greener
County Clerk

By Dora Humbyres
Deputy

Fee $ 2.00

GW

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

File No.

T. 34 N. R. 5 E.

DUPLICATE

County Liberty

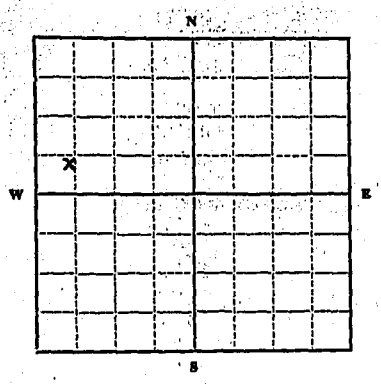
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John D. Dolezal, of Chester
(Name of Appropriator) (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ NW Sec. 7 T. 34 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
Domestic, also stock and yard irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 10, 1944
Every day.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 18, 1944 and finished Apr. 26, 1944

8. The depth of water table 93 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
Six inch casing, 97 feet deep.

10. The estimated amount of groundwater withdrawn each year 225,000 gals.

11. The log of formations encountered in the drilling of each well if available
Log was not furnished by well driller.

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 John D. Dolezal

Date July 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.

5197

83556

STATE OF MONTANA }
County of Liberty } ss.

Filed July 29 19 63

at 3:55 o'clock P. M.

Gilbert Greener
County Clerk

By Dora Hemberger
Deputy

Fee $ 2.00

GW 2

File No. .....

DUPLICATE

T 34 N R 5 E

County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
OCT 31 1962
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Water

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

0 0-3 Surface Soil
3-10 Yellow Sandy Clay
10-25 - Yellow Clay
25-35 - Gray Clay
35-45 - Gray Clay, Sand & Water
45-70 - Gray Clay
70-116 - Light Gray Clay
116-120 Gravel
120-125 Gray Shale
125-128 Hard Rock
128-133 Brown Shale
133-138 Rock
138-140 Light Gray Sand
140-185 Blue Sandy Shale
185-160 Light Brown Shale
160-175 Light Gray Sandy Shale
175-180 Gray, Green, Brown & black Shale
180-183 Sand Stone
183-186 Light Gray Shale
186-188 Hard Sand Stone
188-205 Light Grays Sandy Shale
205-220 Dark Gray Sandy Shale
220-225 White Sandy Silt & Gray Shale & Water
225-230 Brown Shale
230-235 Brown & Gray Shale
235-239 Hard Shell
239-245 Gray Shale
245-250 Gray Sandy Stone
250-255 Sandy Silt & Water
255-270 Gray Sandy Shale-Hard
270-280 Sand & Water
280-285 Brown Sandy Shale
285-295 Sandy Silt with Gray Shale

Owner Martin D. Lyders Address Chester, Montana

Driller Orville Jacobson Address Chester, Montana

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

Date well started 9/62 Date Completed 10/62

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

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 and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
New Galvanized 6.95 Wt. Per Ft.	18 in. Above Ground	295	Slot	35 & 185	50 295

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

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

Pumping Water Level 225 feet at 10 gal. per minute.

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

How Tested Bailer Length of Test 4 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) .....

NW ¼ SW¼ Sec. 10 T 34 R 5

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

Show exact depth of bottom. 295 ft.

42
Driller's License Number

Orville Jacobson
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.

2334

82693

STATE OF MONTANA,
County of Liberty, } ss.

Filed Oct 30, 1962

at 11:45 o'clock A. M.

Eileen Grimes
County Clerk

By Dora Steinberger
Deputy

Fee $ 2.00

GW 2

File No. .....

T. 34 N R. 5 E

DUPLICATE

County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED NOV 15 1962 STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Alvin L. Floss Address Chester, Mont

Driller Orville Jacobson Address Chester, Mont.

Date of Notice of Appropriation of Groundwater 10/18/62

Date well started 10/30/62 Date Completed 11/14/62

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.

0-4 Surface soil
4-7 Gravel above sea level 3100)
7-60 Grey clay
60-80 gray sandy clay
80-90 gray clay & gravel (some water)
90-100 gray clay
100-110 gray sandy clay
110-118 brown sand stone
118-124 gray sand stone
124-130 hard grey sand (more water)
130-135 br. sandy shale
135-145 green, blue, grey sandy shale
145-150 grey sandy shale
150-152 hard gray shell
152-155 blue shale
155-165 br. sandy shale
165-171 gray shale
171-175 gray sand & coal
175-183 Br. & gray sandy shale
183-185 Hard gray sandy shell
185-190 gray shale
190-192 hard sand rock
192-200 gray sandy shale
200-205 gray & blue shale
205-215 gray shale
215-220 gray & brown shale
220-230 gray, br., bl. shale
230-240 brown shale
240-245 black & brown sandy shale
245-250 brown shale
250-255 sand & water
255-265 gray shale & sandy silt
265-275 sand & water
275-280 grey shale

280 is bottom

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8 inch	6 inch galvanized 10.3 lb. per. ft.	0	280	Slot	70	280

Gravel packed surface to be cemented.

Static Water Level for non-flowing Well 70 ft. from top feet.

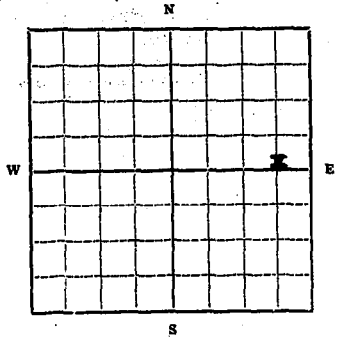
Shut-in Pressure for Flowing Well .....

Pumping Water Level 200ft. feet at 15 gal. per minute.

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

How Tested Bailer Length of Test 4 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) .....



NE ¼ Sec. 14 T. 34N R. 5E

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

Show exact depth of bottom.

42
Driller's License Number

Orville Jacobson
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 Engin : Triplicate to the School of Mines and Quadruplicate for the Appropriator.

2513

Show exact depth of borings.

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

State Water Level for non-flowing W

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

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

acres irrigated, if used for irrigation)

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

Please answer all questions. If not applicable, so state. Upon receipt of a properly filed form will be [illegible]

On seal to the County Clerk and Recorder; one copy to the State Engineer; Trip[illegible] the School of Mines and Quadruplicate for the Appropriator.

STATE OF MONTANA,
County of Liberty,

Filed Mar. 14 1962
at 2:10 o'clock P. M.
Gilbert Rydberg
County Clerk

By _____ Deputy

Fee $ 2.00

82 139

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

19

File No.

DUPLICATE

T. 34N R. 5E

County Liberty

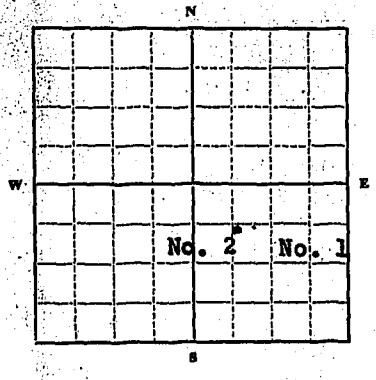
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Sam O. Hawks (Name of Appropriator), of Chester (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW¼SE¼ Sec. 19 T. 34N R. 5E

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 & Stock Use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1949 - Continuous since then - No. 2 Since 1910

4. The amount of groundwater claimed (in miner's inches or gallons per minute #1 - 5 Gallons Per Minute
#2 - 5 Gallons Per Minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
#1 - Not Used for Irrigation
#2 - 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
#1 - Working Head with Rods & Cylinder System
#2 - Hand Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #1 - 1949 - No. 2 Original well Dug in 1910 - Renovated in 1951

8. The depth of water table #1 - 150 Feet - No. 2 - 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 In. Galvanized Tin Casing, 250 Feet Deep. Withdrawn with Working Head with Rods & Cylinder System - No. 2 has 36 In. Diameter Culvert (Steel) With Hand Pump Withdrawal

10. The estimated amount of groundwater withdrawn each year #1 - 150,000 Gallons No. 2 - 25,000 Gallons

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

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

Signature of Owner Sam O. Hawks

Date Dec. 30, 1963

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

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

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

24593

84319

STATE OF MONTANA,
County of Lincoln, } ss.

Filed Dec 30 19 6

at 4:30 o'clock P. M.

Clerk and Recorder

By Deputy

Fee $2.00

34N 5E 19

RECEIVED

OCT 17 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

3 GW.2 Revised 1969
STATE PUBLISHING COMPANY

County LIBERTY

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 LEO HAWKS

Address CHESTER, MONTANA

Date well started JUNE 27, 1972

completed JULY 20, 1972

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

Equipment used CABLE TOOL RIG (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

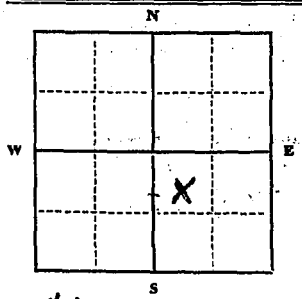
*Describe

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 92780
Oct. 13, 1972 3:45 pm
GW 1

ESTIMATED ANNUAL WITHDRAWAL EXCEEDING 1,500,000 GALLONS

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8 3/4"	6 5/8" O.D. .188 WALL 13# PER FOOT BLACK STEEL	6'3" BELOW GROUND LEVEL	267	(NO PERFORATIONS) CASING SET AT 267 FOOT LEVEL + CEMENTED IN. NO CASING INSTALLED BELOW 267 FT. SANDSTONE FORMATION LEFT OPEN		



NW ¼ SE ¼ Sec. 19
T. 34 N/S R. 5 E/W

Static water level 208 ft.*
Pumping water level 250 ft.*
at 13 1/2 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by BAILER + PUMP for 6 hours.
Power ELECTRIC Pump 1 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) HOLE REAMED TO 8 3/4" DIAMETER TO 295 FOOT LEVEL. CASING INSTALLED TO 267 FT. LEVEL + CEMENTED IN. SANDSTONE FORMATION BELOW 267 FOOT LEVEL LEFT UN-CASED

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

Driller's Signature Herbert Greiner HI-LINE DRILLING SERVICE

Driller's Address 1173 6TH ST. NO PHONE 265-4210

HAVRE, MONTANA 59501 LICENSE NO. 46

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
	35	BROWN CLAY - SMALL ROCK
	52	BROWNISH-GREY CLAY - ROCKY
	71	BOULDERY GREY CLAY
	77	BOULDER
	84	GREY CLAY
	85	BOULDER
	101	GRAVELLY GREY CLAY
	132	GREY CLAY
	154	DARK GREY SHALE
	156	SANDY LT. GREY SHALE - (EAGLE FORMATION)
	159	BLUE-GREY SHALE
	165	BROWN SHALE
	175	GREY SHALE
	175½	HARD SHELL
	182	SHALEY GREY SANDSTONE
	186	GREY SHALE
	188	FIRM SANDY SHALE
	191	BLUE-GREY SHALE
	194	GREY SHALE
	199	LT. BROWN SHALE
	214	GREY SHALE
	222	LT. BROWN SHALE
	226	MEDIUM GREY SHALE
	236	FIRM GREY SHALE
	237	HARD LIMESTONE SHELL
	240	FIRM BROWN SHALE
	246	LT. BROWN SHALE
	249	FIRM SANDY LT. BROWN SHALE
	255	MEDIUM GREY SHALE
	261	LT. BROWN SHALE
	264	SANDY LT. BROWN SHALE
	266	BROWN SHALE - THIN COAL SEAMS
	268½	SHALEY BLUE SANDSTONE - SMALL AMOUNT OF WATER
	291½	HARD SANDSTONE CAP ROCK (CHIRCHILL SANDSTONE FORMATION)
	295	SANDSTONE - WATER EXCEEDING 25 GPM

295 Show exact depth of bottom

51,624

STATE OF MONTANA,
County of Liberty,

Filed this 13th day of Dec. 19 72
at 3:45 P. M.
Recorded
Deputy Clerk

Fee $2.00

92787

Form No. 18
8-60

T. 34 N. R. 5 E

County Liberty

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 4 1961
STATE ENGINEER

WATER WELL LOG

x		

Owner Peter Thieltges Address Chester, Montana

Driller Owner Address

Date Started 1951 Date Completed 1951

Location: Sec. 24 T. 34 N R. 5 E ¼ sec. SW¼SW¼

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

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

Casing: ft. to 18 ft. Type Galvanized Size 36"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations sslits

Static Water level, for non-flowing well: 8 feet.

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

Pumping water level - - feet at - - gal. per min.

How tested:

Length of test none

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

(over)

Form No. 18
8-60

T. 34 N. R. 5 E.

County Liberty

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 4 1961
STATE ENGINEER

WATER WELL LOG

x		

Owner Peter Thieltges Address Chester, Montana

Driller Owner Address

Date Started 1958 Date Completed 1958

Location: Sec. 24 T. 34 N. R. 5 E. ¼ sec. SW¼SW¼

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

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

Casing: ft. to 20 ft. Type Gal. Size 8"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 8 to ft. . Ft. to ft.

Type of screen or perforations slits

Static Water level, for non-flowing well: 9 feet.

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

Pumping water level feet at gal. per min.

How tested:

Length of test None

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

(over)

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

File No. .....

T 34 N R 5 E

DUPLICATE

County Liberty

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED JAN 6 1964 STATE ENGINEER

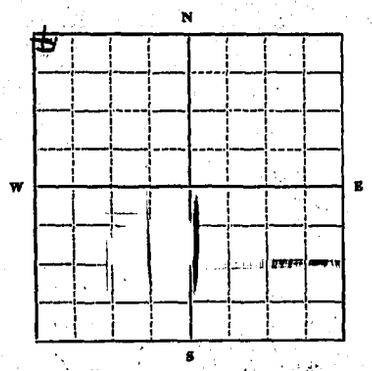
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. O. M. Skari & Sons, Inc, of Box 275, Chester
(Name of Appropriator) (Address) (Town)

County of Liberty State of Montana

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



NW ¼ NW¼ Sec. 25 T 34 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. This well provides water for two living houses, one bunkhouse, and water for garden and trees.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Well was dug in 1950 and has been in continous use since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) [illegible] gallons per minute in years of normal rainfall.

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. Water is used on a vegetable garden, lawns and for irrigating trees around the farmstead. Land area is about one or two acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Water is withdrawn by an electric water pressure located in the basement of a house one hundred eighty feet from well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. This well was dug and placed in use in June 1950.

8. The depth of water table. This varies from 8 to 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. The well is 4 feet by 4 feet and is about 16 feet deep. It is encased in concrete for the first 8 feet and cribbed in wood for the remaining distance. The concrete extends 6 inches above the surface and is covered with a metal-sheathed roof.

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

11. The log of formations encountered in the drilling of each well if available. Alluvial soil for first six feet, then clay with a sand layer at about 12 or 14 feet.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Well is located about 100 feet from a reservoir and 75 feet diagonally from the section corner

O. M. Skari & Sons Inc.

Signature of Owner By O. M. Skari Pres.
Lorman Skari V. Pres.

Date December 28, 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.

24552

84267

STATE OF MONTANA }
County of Lincoln }

Filed Dec 30, 19 63
at 8:45 o'clock A. M.
Helen Greer
County Clerk
By Dora Lerbeyner
Deputy
Fee $ 2.00

GROUNDWATER INDEX

Page ____ of ____

County Liberty Twp. 34N Rge. 6E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Smith, Frank	GW H	84354	
3	Matteson, Allen	— H	84060	
3	" "	— H	84059	
28	Matteson, George	— H	84078	
28	Wormsbacker, Frank	— H	84079	

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

File No.....

T. 34 N R. 6 E

DUPLICATE

County.....

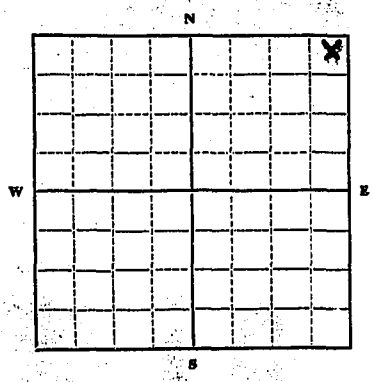
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Frank Smith, of Chester
(Name of Appropriator) (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ Sec. 1 T. 34 R. 6

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been October 1944 used daily

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

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner of the land 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 pump - none

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater October 5 - 10, 1944

8. The depth of water table 50 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 inch hole, 60 feet

10. The estimated amount of groundwater withdrawn each year 208,000 gallons

11. The log of formations encountered in the drilling of each well if available none 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 no information

Signature of Owner Frank H. Smith

Date Dec. 31

Three copies to be filled 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.

24027

84355

STATE OF MONTANA,
County of Liberty, } ss.

Filed Dec 31 19 63

at 3:00 o'clock P. M.

Aileen Greene
County Clerk

By Dora Hamburgner
Deputy

Fee $ 2.00

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

File No. .....

T. 34 N R. 6 E

DUPLICATE

County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 10 1963
STATE ENGINEER

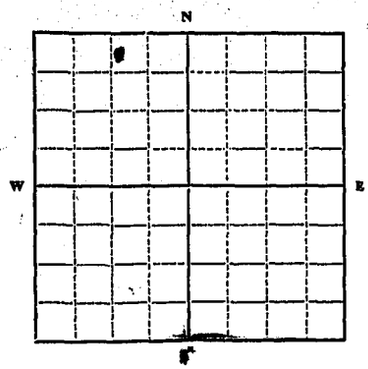
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Allen Mattson, of Chester
(Name of Appropriator) (Address) (Town)

County of ..... State of Montana

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



NW¼ Sec. 3 T. 34 R. 6

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

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been 1932 has been used since then

4. The amount of groundwater claimed (~~in miners inches~~ or gallons per minute) 2

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof No Irrigation

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

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

8. The depth of water table 6 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Hand dug well 5 ft casing 30 ft deep

10. The estimated amount of groundwater withdrawn each year 72 000

11. The log of formations encountered in the drilling of each well if available Brown Clay ~~small amount~~ about 21 ft quantities about 26 ft

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No County Record

Signature of Owner Allen Mattson

Date 12/9/63

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.

8359

#4060

STATE OF MONTANA, } ss.
County of Liberty.

Filed Dec. 9 1963

at 9:52 o'clock A. M.

Eileen Greener
County Clerk

By _____ Deputy

Fee $2.00

GW

Approved Stock Form—State Publishing Co., Helena, Montana—3687

File No. .....

T. 34 N R. 6 E

DUPLICATE

County Liberty

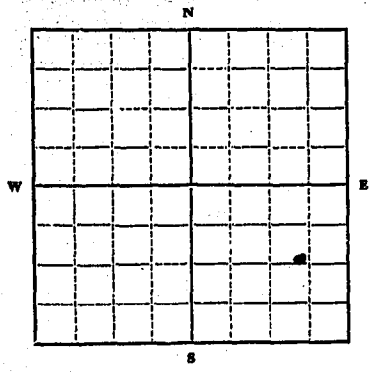
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 10 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Allen Mattson, of Chester
(Name of Appropriator) (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 3 T. 34 R. 6

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Drilled 1945 & has been used since then

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof No Irrigation

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 No Information Was available

8. The depth of water table Was unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well, Cased with 6 in Casing, 184 ft deep

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

11. The log of formations encountered in the drilling of each well if available none 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 No County record that I know of

Signature of Owner Allen Mattson

Date 12/9/63

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.

8358