

File No. _____

T. 7 N. R. 3 W.

DUPLICATE

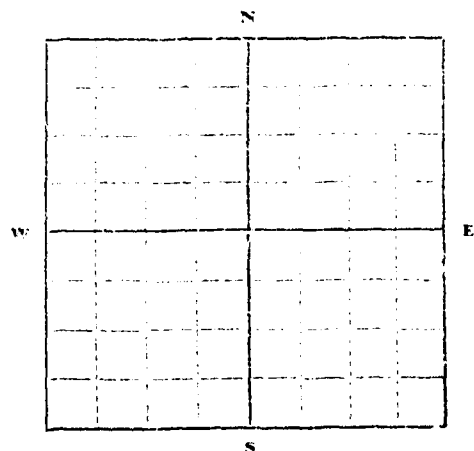
County, Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Sally A. Wallace of 816 Harrison Ave. Helena, Montana
(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:



Tract in
SW 1/4 Sec 7, T. 7, R. 3
containing 1.80 acres
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 con-
tinuous the use has been..... 1936

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
Not applicable

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 with-
drawal of groundwater..... 1936

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..... 20 feet

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 The estimated amount of groundwater withdrawn each year.....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

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 Sally M. Wallace

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.

19503

83271

RECORDER'S OFFICE }
Jefferson County, Montana }
Filed for record this 31 day of Dec
A.D. 1963 at 10 24 o'clock A.M.
[Signature]
Fee, \$ 2.00

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 Jack G. Under
Address Jefferson City
Montana
Date well started Sept 1, 72
completed Sept 4, 72
Type of well Drilled
Equipment used Rotary
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

For Administrator's Use
File 97302
Oct-16/1972 2:20pm
GW 1

County Jefferson

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.

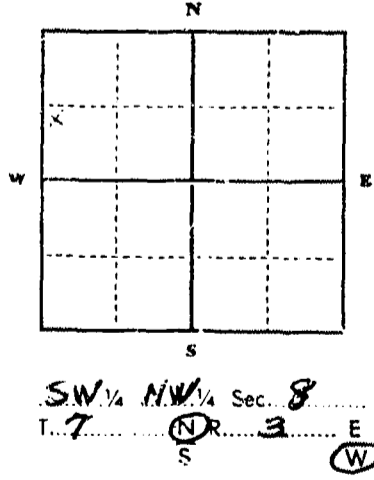
Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
<u>0</u>	<u>6</u>	<u>Topsoil</u>
<u>6</u>	<u>30</u>	<u>Sand & decomposed granite</u>
<u>30</u>	<u>80</u>	<u>Hard granite</u>

*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)
<u>6"</u>	<u>1716</u>	<u>0</u>	<u>21</u>	<u>21</u>	<u>80</u>	<u>Linear</u>		



Static water level 17 ft.*
Pumping water level 70 ft.*
at 15 gallons per minute,
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by 4 hrs.
for 2 hours.
Power 4 HP. 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 W. Ealy Friday
Driller's Address Clancy Montana
LICENSE NO. 38

80 Show exact depth of bottom

51531

97302

Deer Park, Montana
Filed for record this 16th day of October
1972 at 2:24 o'clock P.M.
James D. McInerney
County Recorder
Fees, \$ 2.00

96292

RECORDER'S OFFICE } ss.
Jefferson County, Montana }
Filed for record this 8 day of May
1922 at 8:00 o'clock AM
James P. McNeilane
County Recorder
200

PL No. _____

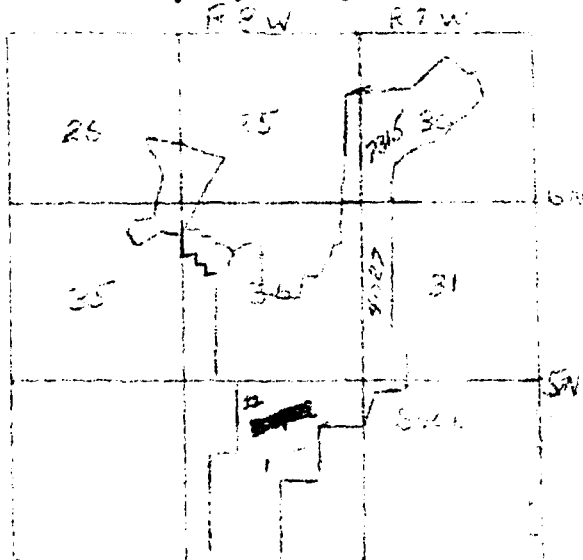
STATE OF MONTANA
 ADMINISTRATOR OF GROUND WATER CODE
 OFFICE OF STATE ENGINEER

County Jefferson

DECLARATION OF VESTED GROUNDWATER RIGHTS

(as per Sections 30-101 et seq. '89-'96)

1. **WILLIAM A. TROHY**, of Boulder, Montana, County of Jefferson, has appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1868 up to present.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Sufficient sub-irrigation for the growing of wild-bay meadows and pasture for 300 head of cattle for a period of 6 months.

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: A portion of the Lockhart meadows, containing 413 acres more or less, of subirrigation meadows; William A. Trohy; as set forth in description A through C

as follows: A. A portion of Section 30, T6N, R7W; B. Section 31, T6N, R7W; C. A portion of Section 25 T6N, R8W; D. A portion of Section 36, T6N, R8W; E. A portion of Section 6, T5N, R7W; F. A portion of Section 1, T5N, R8W; G. A portion of Section 26, T6N, R8W; The lands in the above described sections, upon which appropriator is claiming is approximately 413 acres more or less.

6. Depth of water table: One foot below surface.

7. The estimated amount of groundwater withdrawn each year: Sufficient sub-irrigation for the growing of wild-bay meadows and pasture of 300 head of cattle for a period of 6 months.

8. 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: Mountain Placer No. 2515, Section 30 T6N, R7N, 140 acres; Powder Horn No. 1, Placer No. 2454, Section 36, T6N, R8W, 136 acres; Boulder Placer No. 2667, Sections 25 and 36, T6N, R8W, 160 acres; Virginia Placer No. 4027, Section 31, T6N, R7W, 55.55 acres; Placer No. 2666, Section 36, T6N, R8W; all as more fully appears on the plats and records of the County Clerk and Recorder, of Jefferson County.

STATE OF MONTANA)
 : sc
 County of Lewis and Clark)

Signature of Owner *William A. Trohy*
Date: Dec 31 1953

WILLIAM A. TROHY, having first duly sworn, deposes and says, that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights, and the person whose names is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true

Subscribed and sworn to before me this 31st day of

December, 1953.

NOTARY PUBLIC for the State of Montana. Residing at Helena, Montana. My Commission Expires December 7, 1956. 1953

82200

RECORDERS OFFICE }
Yellowstone County, Montana }

For record this 31 day of Dec
A. D. 1963 130 P.

Page \$ 200

File No.

T. G. M. E. G. H.

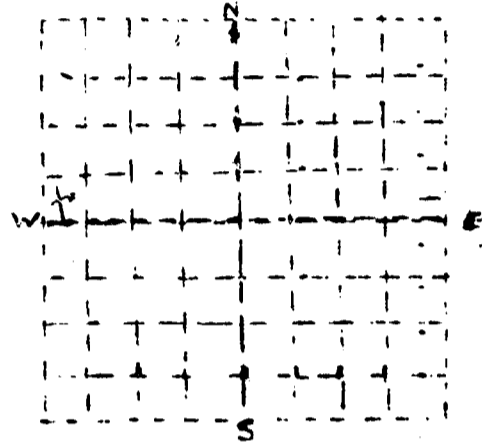
XXXXXXXXX DUPLICATE

County JEFFERSON

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 23, Montana Session Laws, 1961)

1. H. S. Houghton....., of Red Rock Ranch... BASIN...
(Name of Appropriator) (Address) (Town)
County of JEFFERSON..... State of MONTANA.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. 1/4..... Sec. 14... T. 6 N. R. 6 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... SPRING
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... SEPT. 9... 1887... CONTINUOUS
- 4. The amount of groundwater claimed (in inches or gallons per minute)... 10 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... IRRIGATION... HAY
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... SPRING... GRAVELLY
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1887
- 8. The depth of water table... SPRING
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... SPRING... GRAVELLY
- 10. The estimated amount of groundwater withdrawn each year... Do not know
- 11. The log of formations encountered in the drilling of each well if available... SPRING
- 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... SEPT. 9... 1887... Book 11... PAGE 144

Signature of Owner... Charles A. Cochran
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 Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator. 19516

83284

RECORDER'S OFFICE }
Jefferson County, Montana } ss.

Filed for record this 21 day of Dec

A. D. 1963 at 154 o'clock P.

Jefferson
County

Fees \$ 2.00

File No.

~~GENERIC~~ DUPLICATE

T. *T. N. R. 6 N.*

County *Fergus*

STATE OF MONTANA

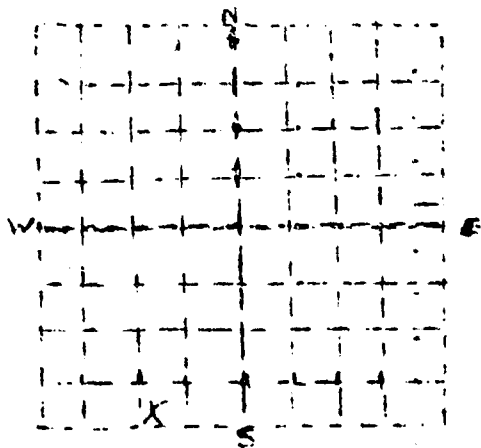
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 23, Montana Session Laws, 1961)

1. *Suzanne Tropey* of *Beaver*
(Name of Appropriator) (Address) (Town)

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



S.W. 1/4 Sec. 17 T6N.R6W

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 other purposes*

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

4. The amount of groundwater claimed (in minor's inches or gallons per minute) *14 (gpm)*

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. *20 acres, 40%
Sec 17 T6N.R6W*

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

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

8. The depth of water table *Spring*

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

10. The estimated amount of groundwater withdrawn each year *Do not know*

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

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 *Dec 3, 1960 Book 11 of Placer Page 589*

Signature of Owner *Charles A. Calder*

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 Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator. 19515

83283

RECORDER'S OFFICE } ss.
Jefferson County, Montana }
Filed for record this 31 day of Dec
A. D. 1963 at 113 o'clock P
Clara M. Hanson
County
Fees, \$ 2.00

File No.

T. 6N R. 6E

DUPLICATE

County Jefferson

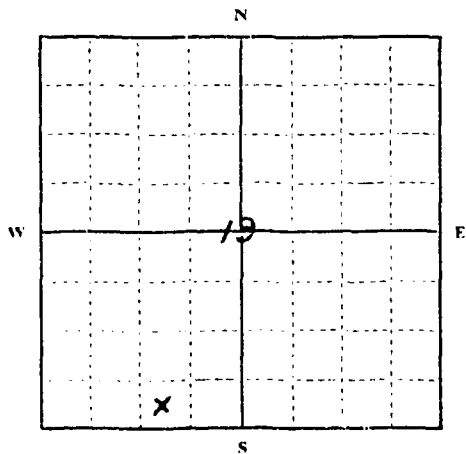
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R
JUL 19 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. United States of America of Boulder, Montana
(Name of Appropriator) (Address) (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....1/4..... Sec. 19, T. 6N, R. 6E

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 drinking, cooking and wash water use in campground

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1961. Used continuously during the periods May to October each year since that date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 to 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 None used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal one well with hand pump located in Ladysmith campground as shown with "x" at left.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced about July 1. Completed about July 6, 1961.

8. The depth of water table About 30 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater One drilled well with 6 inch steel casing 38 feet deep the bottom 20 feet of the casing being perforated. The well is equipped with a concrete platform and hand pump.

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

11. The log of formations encountered in the drilling of each well if available 0 to 10' - topsoil and clay
10' to 16' - blue clay
16' to 37' - soft bedrock
37' to 38' - decomposed granite

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

United States of America
by [Signature]
Signature District Forest Ranger, U.S.F.S.
Date Nov 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.

83013

RECORDER'S OFFICE
Deer Lodge County, Montana

Filed for record this 6 day of Dec.
A. D. 1963 at 126 o'clock P. M.
[Signature]
County Recorder

Fees \$ 2.00

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 U.S. Forest Service

Address Whitehall

Montana

Date well started June 18, 1973

completed June 20, 1973

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn

(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

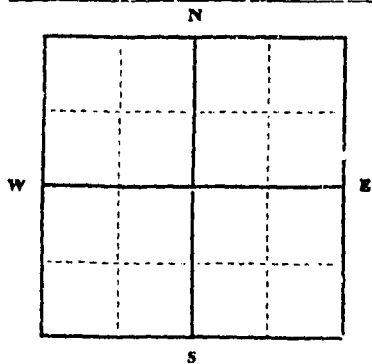
Industrial Drainage Other * Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 60,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	1 9/16	0	32			
	Linear	32	40	Linear	32	40



Static water level 18 ft.*
Pumping water level 25 ft.*
at 20 gallons per minute,
measured 60 minutes after pumping
began.

*Measured from ground level.
Well developed by 5 hours
for 2 hours.
Power Hand Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

S.W. 1/4 S.E. 1/4 Sec. 19
T. 6 N. R. 6 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

40 Show exact depth of bottom

County Jefferson
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	<u>Topsoil</u>
5	18	<u>Clay & Gravel</u>
18	28	<u>Clay</u>
28	40	<u>Fault Rock</u>

98947

RECORDER'S OFFICE
Jefferson County, Montana }
Filed for record this 29 day of June
A. D. 1933 at 4:05 o'clock P.M.
Joanna O. McFarlane
County Recorder

2nd
By Carl A. Matlock, dep

Form No.

XXXXXXXX DUPLICATE

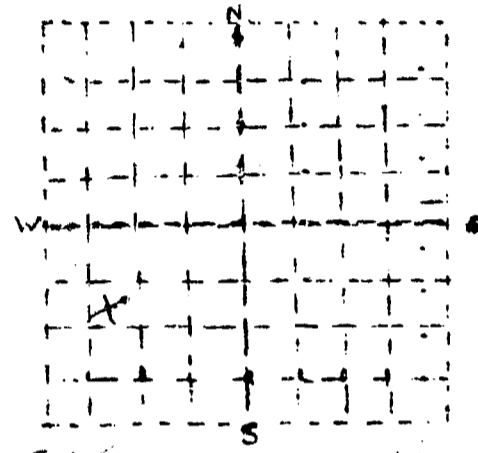
T. 6 N R. 6 W
County: Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Patrick Hastings, of Basin, Montana
(Name of Appropriator) (Address) (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.W. 1/4 Sec. 21 T. 6 N R. 6 W
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based. *Irrigation*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *Continuous April 24 1897*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). *300 Three hundred*
- 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. *20.34289 Acs. Charles & Calvin*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. *Spring*
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *Spring Gravity*
- 8. The depth of water table. *Spring*
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. *Spring Gravity*
- 10. The estimated amount of groundwater withdrawn each year. *Do not know*
- 11. The log of formations encountered in the drilling of each well if available. *Spring*
- 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. *April 24 1897 Book 1 of water rights p. 85*

Signature of Owner: Charles & Calvin
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 Montana Bureau of Mines & Geology; and Quadruplicate for the Appropriator.

19514

83282

RECORDER'S OFFICE }
Jefferson County, Montana }

Filed for record this 31 day of Dec

A. D. 1931 11 o'clock P.

Wm. H. ...
County

Fees, \$ 200

File No. **RECEIVED**
DUPLICATE AUG 20 1965

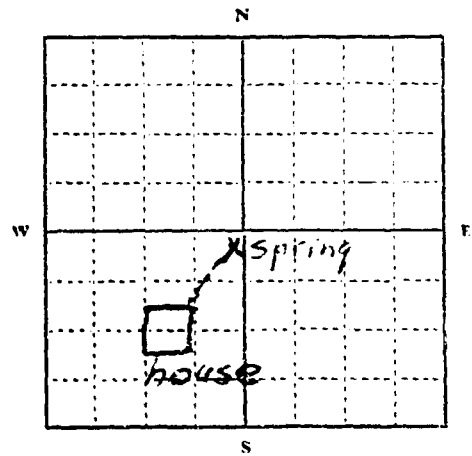
T. 6E R. 5E
County Jefferson

STATE OF MONTANA
REFERRED TO ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Maxine Yeoman of Esain, Montana
(Name of Appropriator) (Address) (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 3 T. 6E 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 household use, irrigation of home garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 31, 1947
Continuous until November 31, 1957; during summer since.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 miner's inches or less
- 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 to irrigate small garden plot near house.
1/4 Sec. 3, T6E R5W. Owner, Maxine Yeoman
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Based in spring; 1' pipeline
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Construction begun during May of 1947. Completed May 31, 1947.
- 8. The depth of water table.....
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Based in spring two feet by 3 feet. Concreted to height of 8 inches.
- 10. The estimated amount of groundwater withdrawn each year 9000
- 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 Maxine Yeoman
Date 8-19-1965

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.

85589

RECORDER'S OFFICE }
Yellowstone County, Montana } 55
I have record this 19 day of August
A. D. 1905 at 2:40 o'clock P. M.
Miss M. Stanton
Page 200

RECEIVED
APR 20 1959

T. 17 N. R. 34 W.
County: Judith

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: FRED L. BRISIO Address: Basin, MONTANA
Driller: PRICE & LINDSEY Address: CLARKE, MONTANA
Date Started: AUGUST 20, 1954 Date Completed: AUGUST 22, 1954
Location: Sec. 17 T. 17 N. R. 34 W. 1/4 sec.

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other: _____

Casing: Iron ft. to _____ ft. Type _____ Size 4 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: foot valve

Static Water level, for non-flowing well: 10 ft. _____ feet.

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

Pumping water level: 22 feet at _____ gal. per min.

How tested: Jet pump

Length of test: 4 hrs.

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

(over)

File No.

T. 6N R. 5W

XXXXXXIX DUPLICATE

County... Jefferson

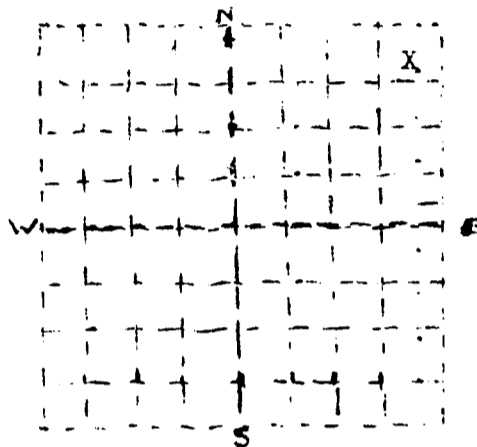
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS (Under Chapter 237, Montana Session Laws, 1961)

1. Hazel Maier, of Basin, Montana (Name of Appropriator) (Address) (Town) County of Jefferson State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



. NW 1/4, SW 1/4 Sec. 17, T. 6N, R. 5W

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... about 1953 Continuous use to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... Normal household use... 50 to 100 Gal. per day

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

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

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... 15 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... only opp. well

10. The estimated amount of groundwater withdrawn each year... Approx. 3,000 gals.

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... Mineral Entry #1825 Index 84769 Recorded in Book 86 of Deeds at page 371

Signature of Owner... Hazel Maier

Date... 1/19/62

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 Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator.

1960

83368

RECORDER'S OFFICE }
Jefferson County, Montana) ss.
Filed for record this 31 day of Dec
A. D. 1963 at 4:28 o'clock P.
W. H. Dawson
County Clerk
Fees, \$ 2.00

CV 2
File No.

LN P. SW
Jefferson

XXXXXXXX D UPLICATE

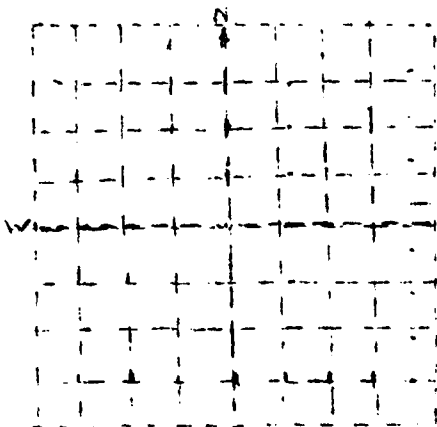
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Mrs. John O'Neil, of Basin
(Name of Appropriator) (Address) (Town)
County of Jefferson, State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 14 in Block 17 NW SW

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. Summer of 1948 up to present time

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

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

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

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

8. The depth of water table. about 15 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. about 25 ft deep with 6 inch iron casing

10. The estimated amount of groundwater withdrawn each year. about 150,000 gal

11. The log of formations encountered in the drilling of each well if available. rock, 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. Mrs. John O'Neil

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 Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator.

19524

83292

RECORDERS OFFICE }
Jefferson County, Montana }

Filed for record this 31 day of Dec
A.D. 1922 P.M.

Fee, \$ 2.00

GW 4
File No.....

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

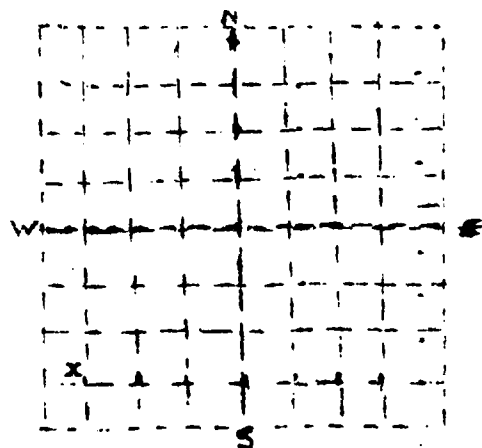
DUPLICATE

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. Donald K. Sever....., of..... Box 73..... Brainerd.....
(Name of Appropriator) (Address) (Town)
County of Jefferson..... State of..... Montana.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.SW. 1/4 SW 1/4 Sec. 17... T. 6N.. R. 5W.

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 use, garden, lawn.....

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 500 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.. .. Approximately 2 lots, on garden area, small lawn.....

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Around 1956 & first of 1957.....

8. The depth of water table... About 4' 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..... Drilled well... 8" casing... Depth... approximately 30'... cemented over top.....

10. The estimated amount of groundwater withdrawn each year... Approximately 70,000 gallons... a year.....

11. The log of formations encountered in the drilling of each well if available... Not available, but we know of.....

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... Lindsay from Clancy drilled our well, dec. in 1956..... He may have some information on it.....

Signature of Owner.....

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 Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator.

19599

83367

RECORDER'S OFFICE } ss.
Jefferson County, Montana }
Filed for record this 31 day of Dec.
A. D. 1963 at 425 clock P.
County Clerk
Fees, \$ 2.00

83367

RECORDER'S OFFICE }
Jefferson County, Montana } ss.
Filed for record this 31 day of Dec
A. D. 1963 at 4:25 clock P.
County of Jefferson

Fees 3.20

County Jefferson

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 C. Steamer

Address Box 3493

Basin Montana

Date well started Feb 15 - 73

completed Feb 21 - 73

Type of well drilled

Equipment used rotary

Water Use: Domestic Municipal Stock Irrigation

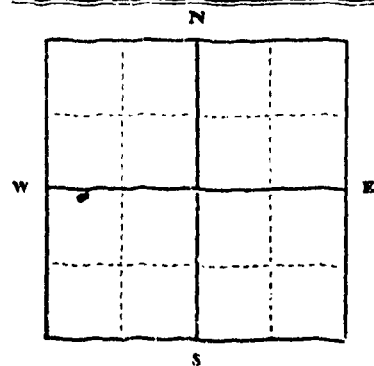
Industrial Drainage Other * Garden/Lawn

*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 \$0.000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	1916 liner	0 ft	55 ft			
		55 ft	123 ft	5/8 x 1 1/2 7/8 x 2	48 ft	30 123



Static water level 30 ft.*
Pumping water level 115 ft.*
at 7-8 gallons per minute,
measured 20 minutes after pumping
began.

*Measured from ground level.
Well developed by air
for 2 hours.
Power abc Pump 1/2 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

N.W. 1/4 SE 1/4 Sec. 17

T. 6 N. R. 5 E

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

Driller's Signature Wesley Lindsey

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	23	Clay and sand
23	35	shale
35	45	limestone
45	110	fault rocks
110	123	black shale & fault rock

123 Show exact depth of bottom

52572

98303

RECORDER'S OFFICE)
Jefferson County, Montana) 55:
and for record this 7 day of March
19 2000 o'clock 9 M.
Jeanne P. McAllister
County Recorder
2000

XERO COPY
OFFICE OF RECORDS & INFORMATION
BOULDER, MONTANA 59632

MESSAGE

REPLY

TO Montana Board of Water Resources
 Helena, Montana 59601

DATE *March 1, 1973*

SUBJECT Groundwater Well DATE Feb. 27, 1973

Your message dated February 27, 1973 has been attached to the proper form. Thank you.

Re: Filing of Groundwater Appropriation by means of well, Jefferson County, File #98267, filed 2/26/73 @ 2.00 o'clock P.M.

Location of well is as follows:
 On 35' X 100' of Washington Lode #5848, Town of Basin.

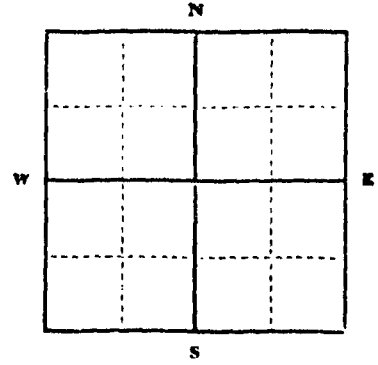
Yours truly,
Joanne P. McFarlane
 Joanne P. McFarlane
 County Clerk and Recorder
 Boulder, Montana 59632

BY *Ronald A. Grace*

SENDER: Detach and File For Follow-up

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)



Static water level 10 ft.*
 Pumping water level 18 ft.*
 at 30 gallons per minute,
 measured 1.80 minutes after pumping began.
 *Measured from ground level.
 Well developed by AIR for 3 hours.
 Power..... Pump..... HP
 Remarks: (Gravel packing, cementing, packers, type of shutoff)

..... 1/4 1/4 Sec.
 T..... N R..... E
 S 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

30 Show exact depth of bottom:

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 GOODWIN, JR.
Address BOX # 374
BASIN, MONTANA
Date well started FEB. 21, 1973
completed FEB. 22, 1973

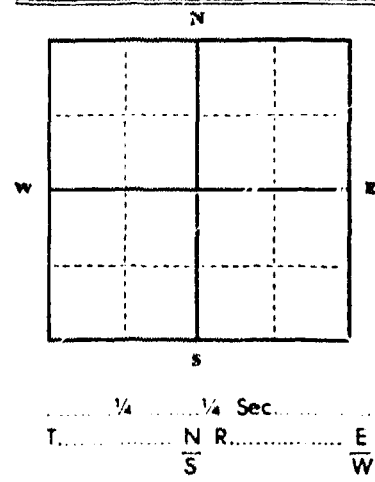
For Administrator's Use
File <u>98267</u>
<u>February 27, 1973</u>
GW 15 CC 100

Type of well DRILLED
(Dug, driven, bored or drilled)
Equipment used ROTARY
(Churn drill, rotary or other)
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL 80,000

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



Static water level 10 ft.*
Pumping water level 18 ft.*
at 30 gallons per minute,
measured 180 minutes after pumping began.
*Measured from ground level.
Well developed by AIR
for 3 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 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)
<u>0</u>	<u>18</u>
<u>BOULDERS & RECOMPOSED GRANITE</u>	
<u>18</u>	<u>30</u>
<u>BOULDERS & GRAVEL</u>	

30 Show exact depth of bottom



98267

RECORDER'S OFFICE
Jefferson County, Montana

58.

Filed for record this 26 day of Feb
D. 1973 at 2:00 o'clock P.M.

Joanne P. McFarlane
County Recorder
Fees \$ 2.00

W 4
File No.
DUPLICATE

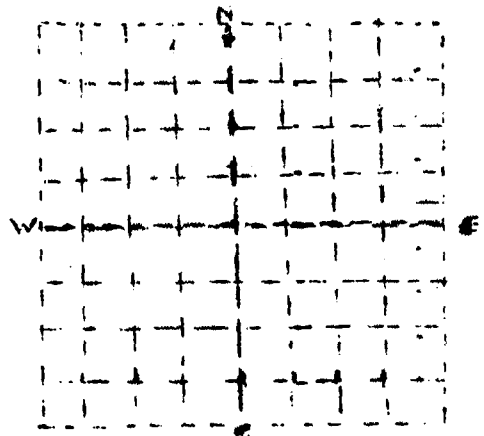
T... *Cal* ... R... *510* ...
County... *Jefferson* ...

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)

..... *Andrew P. Usher*, of... *Box 288*, *Basin*,
(Name of Appropriator) (Address) (Town)
County of... *Jefferson* State of... *Montana*
have appropriated groundwater according to the Montana laws in effect prior to Jan-
uary 1, 1962, as follows:



*W/2 K4. MS.
Survey No.
853*

..... *1/4* Sec. *18* T. *6 N* R. *5 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.....
Watering lawn and garden.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
April 1, 1954 until July 1956
Then from May 1957 this well has been used each summer for watering lawn and garden.
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
Twenty (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.....
Electric pump.....
Well located in basement of house.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
Well started in February 1954 and completed and in use by April 1954.....
8. The depth of water table.... *Twenty four (24) feet*.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
Dug well lined with thirty (30) inch tile casing. Depth sixteen (16) feet.
10. The estimated amount of groundwater withdrawn each year.....
1,120,000.....
11. The log of formations encountered in the drilling of each well if available...
Decomposed granite and rock about two feet of calc. thin balance 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.....

Signature of Owner *Andrew P. Usher*.....

Date *December 30 1958*.....

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 Montana Bureau of Mines & Geology; and Quaduplicate for the appropriator.

19565

83333

RECORDER'S OFFICE }
Jefferson County, Montana } ss.

Filed for record this 21 day of Dec.

A. D. 1963 at 3:02 o'clock P. M.

Alta M. Anderson

Fees, \$ 2.00

File No.....

T. C. R. S. U.

DUPLICATE

County... Jefferson

STATE OF MONTANA

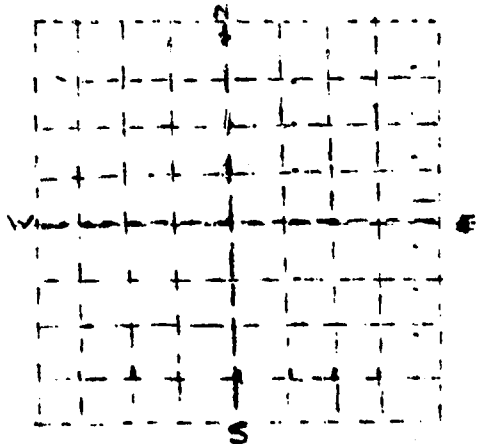
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS (Under Chapter 237, Montana Session Laws, 1961)

I, Andrew P. Usher, of Box 233, Basin (Name of Appropriator) (Address) (Town)

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



1/2 Acre MS. Survey No. 3 1/4 Sec. 18 T. 4 N. R. 5 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 and watering lawn and garden.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been... December 1956... This well has been in use continuously since...
4. The amount of groundwater claimed (in miner's inches or gallons per minute)... twenty (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... drilled well is located approximately ten (10) feet from South East corner... Off house. Withdrawal made by electric pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... well started in November 1966 and finished and in use by December 1956.
8. The depth of water table... approximately thirty eight (38) 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; six (6) inch steel casing, forty (40) feet deep... withdrawal by electric deep well pump.
10. The estimated amount of groundwater withdrawn each year... 140,000 gallons a year for household use and lawn and garden.
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 Andrew P. Usher

Date December 30, 1963

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator. 19566

83334

RECORDER'S OFFICE }
Jefferson County, Montana } ss.

Filed for record this 21 day of Dec.
A. D. 1963 at 321 o'clock P.

Alta M. Dawson

Fees, \$ 2.00

File No.

T. BASIN ROUISE ADDITION

DUPLICATE

County JEFFERSON

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 - 12 ft.
Topsoil & Boulders

12 ft. to 16 ft.
Gravel & Clay

16 ft. to 21 ft.
Gravel

Show exact depth of bottom.

Owner Grant Thompson Address Basin, Montana

Driller Wes Lindsay Address Clancy, Montana

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

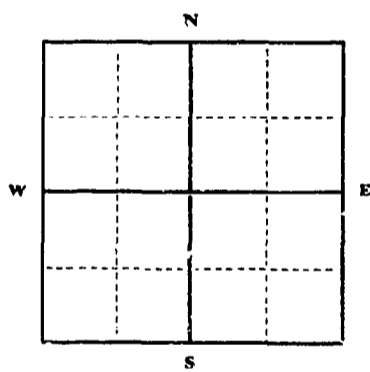
Date well started Excavated Date completed Block

Type of well Drilled Equipment used Churn
(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"	17 lb.	0	21	none		



1/4 Sec. 18 T. 6 N. R. 7 E.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 5 feet.

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

Pumping Water Level..... 15 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... Boiler.....

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

38

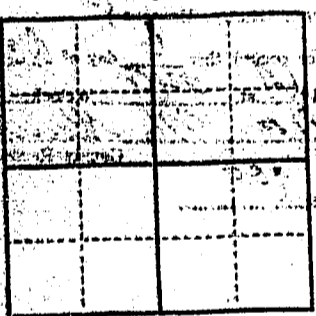
Driller's License Number
Wesley Lindsay
Driller's Signature.

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, tissue copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

42, 376

88660

Water level measured
5' 10" top of well
spring of well



Recorded on the 6 October
A. D. 1919 at 946 A.
Alta M. Anderson

Static Water Level for non-flowing well
5 feet.

Shut-in Pressure for Flowing Well
Pumping Water Level 5 feet

at 20 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested Bellows

Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, pack-
ing, type of shutoff)

Indicate location of well and
depth of hole, if possible. Show
well square, rectangular, or
circular.

(Continue on reverse side)

QUIN...

SEE ADDITION

WATER CODE
ENGINEER

Top of
(Elev. above sea level)

0 - 12 ft.
Topsoil & Boulders

12 ft. to 16 ft.
Gravel & Clay

16 ft. to 21 ft.
Gravel

Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Grant Thompson Address Basin, Montana

Driller Wes Lindsay Address Clancy, Montana

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

Date well started xxxxxx Date completed xxxxxx

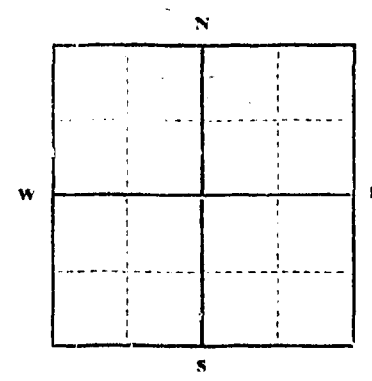
Type of well Drilled Equipment used Churn
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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"	17 lb.	0	21	none		

Water level measured 5'10" water table 1-11-62



Static Water Level for non-flowing well 5 feet.

Shut-in Pressure for Flowing Well..... 15

Pumping Water Level..... 20 gal. per minute.

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

How Tested Boiler Length of Test 2 hrs.

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

1/4 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).

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.

8856c

0 - 18 1/2

REPORT of

...

DEPARTED AFTER JANUARY 1, 1902
Abandonment by Means of Well
of a Well for the Purpose of Completion of Groundwater

Jefferson County, Montana
Filed for record this 6 day of October
A. D. 1907 at 9:40 o'clock A.M.
Alta M. MacCleskey
County Recorder
Fees, \$ 2.00

5340

...

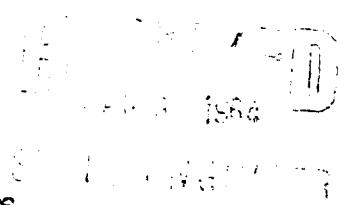
File No.....

T.....

EXTRA DUBPLICATE

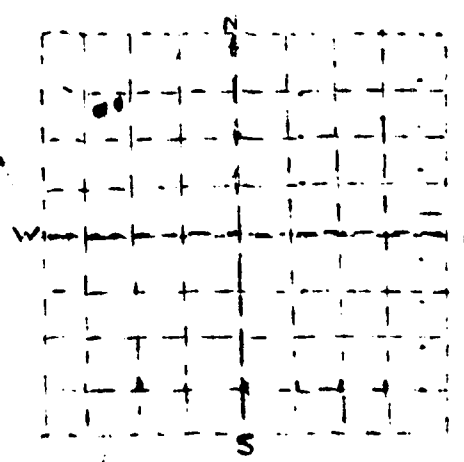
County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

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



.21 1/4 Sec. 25 T. 67 N. R. 5 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. *Food and feed for livestock.*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *Start in 1962 as part of irrigation system for the farm.*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). *25 gpm.*
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. *25 acres owned by [Name]*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. *One well.*
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *1967 completed 1968.*
- 8. The depth of water table. *15 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. *One well, 36 inch bore hole.*
- 10. The estimated amount of groundwater withdrawn each year. *25 gpm.*
- 11. The log of formations encountered in the drilling of each well if available. *See report attached.*
- 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. *See attached.*

Signature of Owner. *[Signature]*

Date. *12-30-68*

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 Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator.

83230

1963 3 21
P.
1.00

Form No. 1

T. 12 N. R. 6 E.

QUADRUPLE DUPLICATE

County: Hill

STATE OF MONTANA

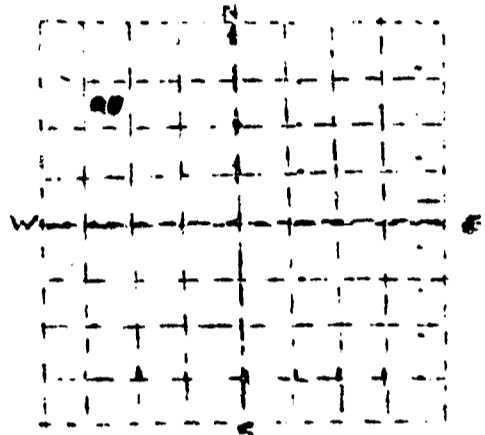
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS (Under Chapter 237, Montana Session Laws, 1961)

Name of Appropriator: Paul J. Johnson, of Address: [redacted] (Town): [redacted]

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



1/4 Sec. 7, T. 12 N., R. 6 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...
3. Date or approximate date of earliest beneficial use...
4. The amount of groundwater claimed...
5. If used for irrigation, give the acreage and description of the lands to which water has been applied...
6. The means of withdrawing such water from the ground...
7. The date of commencement and completion of the construction of the well...
8. The depth of water table...
9. So far as it may be available, the type, size and depth of each well...
10. The estimated amount of groundwater withdrawn each year...
11. The log of formations encountered in the drilling of each well...
12. Such other information of a similar nature as may be useful...

Signature of Owner: Paul J. Johnson Date: 12-30-69

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 & Geology, and Quadruplicate for the State Engineer.

13469

83229

NO. 63-300
30 Dec
300 P.
Fees, \$ 200

FILE NO.
XXXXXXXXX DUPLICATE

T.
COUNTY.

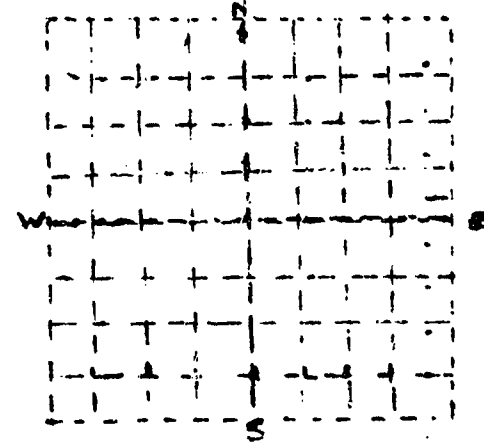
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. *Darius Winters Co.* of *Basin Mont.*
(Name of Appropriator) (Address) (Town)

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



.....1/4.....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. *City water*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *1.1.18. by water user*
groundwater project

4. The amount of groundwater claimed (in miner's inches or gallons per minute). *6.5 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.

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. *May 20 1963*

8. The depth of water table. *25 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.
one well 9 ft

10. The estimated amount of groundwater withdrawn each year. *approx. 100,000 gal. per month*

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 records.

Signature of Owner *Elbert D. Bullitt*
Date *12/31/63*

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned. Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to Montana Board of Mines & Geology; and Quadruplicate for the Appropriator.

19530

83298

RECORDER'S OFFICE }
Jefferson County, Montana } ss.
Filed for record this 31 day of illegible
A. D. 1963 at 125 o'clock P
illegible
Fees, \$ 2.00

GW

File No.

DUPLICATE

RECEIVED
FEB 27 1964

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

T. 6N R. 5W

County Jefferson

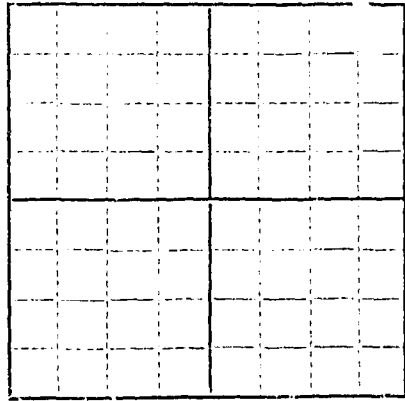
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963
STATE ENGINEER

Declaration of Vestea Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **John Giulio** of **Boulder,**
(Name of Appropriator) (Address) (Town)
County of **Jefferson** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 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.....
Domestic and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
February, 1957 - water use has been continuous ever since
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
fifty (50) miners inches
~~Sixty (60) miners 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.....
98.23 acres - placer mining.
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.....
February, 1957
8. The depth of water table.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
seventy feet below surface
10. The estimated amount of groundwater withdrawn each year.....
11. The log of formations encountered in the drilling of each well if available.....
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner *John C. Giulio*

Date **December 13, 1963**

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

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

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

0089

83052

RECORDER'S OFFICE }
Jefferson County, Montana }^{58.}

Filed for record this 13 day of Dec.

A. D. 1962 at 11:25 o'clock A. M.

[Signature]
County Recorder

Fees, \$ 2.00

County Jackson Twp. 1 N Rge. 4 W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
10	Kuyler Ranch Company	2 W 4	83478	
11	Development Properties Co	2 W 3	86672	
15	Kuyler Ranch Company	2 W 4	83478	See Section 10
15	Kuyler William	2 W 4	83477	
16	Washington Bank Co	2 W 2	96236	
21	Kuyler Ranch Company	2 W 4	83478	See Section 15
22	Kuyler Ranch Company	2 W 4	83478	See Sec. 21
22	Kuyler Glenn	2 W 2	98946	
26	Larsen Donald L & Larsen Lillian R	2 W 2	98944	
26	Larsen Lina	2 W 4	81822	
26	Larsen Margaret H W	2 W 2	90616	
27	Kuyler Glenn	2 W 2	98945	
27	Kuyler Ranch Company	2 W 4	83478	See Section 22
27	Phelan B. W.	2 W 4	83338	
28	Kuyler Ranch Company Corporation	2 W 4	83478	See Section 27
28	Phelan B. W.	2 W 4	83340	
28	Cusistance Helen W.	2 W 4	83332	
29	Flaherty Mary Dean	2 W 4	83024	
29	Jessen Harold & Jessen Lorna	2 W 4	83199	
32	Town of Boulder	2 W 4	83110	
32	Cartwright Ed	2 W 4	83180	
32	Cartwright Ed	2 W 2	96128	
32	McFarlane Paul J.	2 W 4	83181	
32	Phelan B. W.	2 W 4	83342	
33	Town of Boulder	2 W 4	83111	
33	Town of Boulder	2 W 4	83112	
33	McFarlane Wayne C & McFarlane Lorna P	2 W 4	83069	
33	Montana State Mining School & Hospital	2 W 4	83302	
33	Stemple Milton	2 W 4	83201	
33	Phelan B. W.	2 W 4	83339	
34	Hagman Maurice	2 W 4	85843	
34	Phelan B. W.	2 W 4	83341	
34	Shogrest Bill	2 W 2	94453	
35	Larsen Lina	2 W 4	81823	
-	Ulsher Jakob & Ulsher Florence	2 W 4	83099	

File No. _____

T 6 N. R 4 W.

DUPLICATE

County Jefferson

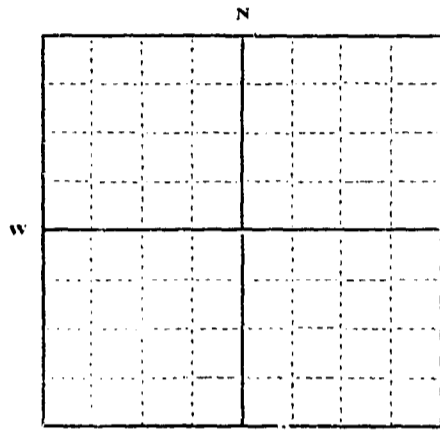
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. KYLER RANCH CO., a corporation, of Boulder, Montana
(Name of Appropriator) (Address) (Town)

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



2. The beneficial use on which the claim is based Sub-irrigation of hay and pasture meadows

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Earliest use: approximately 1880. Use has been approximately continuous since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 400-450 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
Kyler Ranch Co. Twp. 6 N., R. 4 W. Sec. 10: All, Sec. 11: W1/2, Sec. 12: SE1/4, Sec. 22: W1/2NW1/4, NE1/4SW1/4, NE1/4, N1/2SE1/4, SE1/4SE1/4, Sec. 27: N1/2SE1/4, NE1/4, Sec. 21: E1/2, Sec. 28: NE1/4, N1/2SE1/4, SE1/4NW1/4, NE1/4SW1/4, N1/2SE1/4SW1/4, containing 2460 acres, more or less.

1/4 Sec. T. R. 11: W1/2, Sec. 12: SE1/4, Sec. 22: W1/2NW1/4, NE1/4SW1/4, NE1/4, N1/2SE1/4, SE1/4SE1/4, Sec. 27: N1/2SE1/4, NE1/4, Sec. 21: E1/2, Sec. 28: NE1/4, N1/2SE1/4, SE1/4NW1/4, NE1/4SW1/4, N1/2SE1/4SW1/4, containing 2460 acres, more or less.
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Sub-irrigation throughout all the hay meadows

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

8. The depth of water table Estimated 6 inches to an estimated 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 Sub-irrigation

10. The estimated amount of groundwater withdrawn each year All that was available for the sub-irrigation described above, although the total cannot be estimated in gallons or miner's inches of otherwise.

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 The land described above has been continuously used since 1880 for pasture and as hay meadows. During all of that time there has been sub-irrigation; and the sub-irrigation has been and is still being used for the production of grass and hay.

Attest:
William Kyler
Secretary

By: *William Kyler*
William Kyler, President
Date _____

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

(CORPORATE SEAL)

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.

83478

RECORDER'S OFFICE
Jefferson County, Montana

Filed for record this 21 day of January
A. D. 1964 at 3:30 o'clock P.

Alvin M. Pearson
County Recorder

Fees, \$ 2.00

GW 3

STATE WATER CONSERVATION BOARD

2nd Stock Terms - Publisher Co. Helena, Montana 59601

File No. JUN 15 1966

T. 6N R. 4W

DUPLICATE

Butte

County: Jefferson

Burton

Costa

Dickert

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 6-11-66

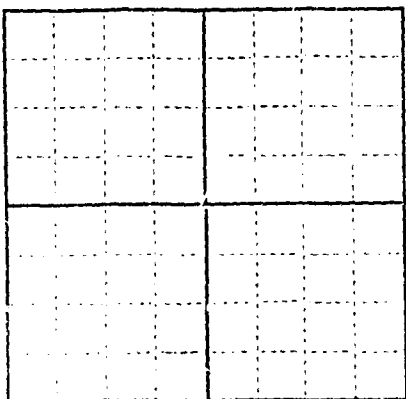
Owner: Development Operating Corp. Address: P.O. Box 14

Contractor (if any): Development Operating Corp.

Address of Contractor: P.O. Box 14, Boulder, Mont

Date Started 6-11-66 Date Completed: Open

See separate sheet for map & description



1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Pumping the old workings of the Elkhorn Mine

2) Means of withdrawing water (gravity, pump, canal, etc.) Pump

3) Depth of water table 180' 180'

4) Use of the water Mill Concentrator

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 600 gpm

If used for irrigation, give number of acres and description of land. No

7) Estimate amount of water used each year 315,000,000 gals

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

Sect 11 T6N R4W
SW 1/4 of SE 1/4 of SE 1/4
SW 1/4 of SE 1/4
SE 1/4 of SE 1/4 of SW 1/4

Sect 12 T6N R4W
NE 1/4 of NE 1/4 of NW 1/4
NW 1/4 of NE 1/4

Signature of Owner: Development Operating Corp.

Date: Robert E. Tully, 1990
6-17-66

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.

86672

RECORDER'S OFFICE }
Jefferson County, Montana } ss.

Filed for record this 13 day of June
A. D. 1966 at 4:50 o'clock P.M.

Alta M Dawson
County Recorder

Fees, \$ 2.00

Mary Dean Schubert
Deputy

File No. _____

6 N. R. 4 W.

DUPLICATE

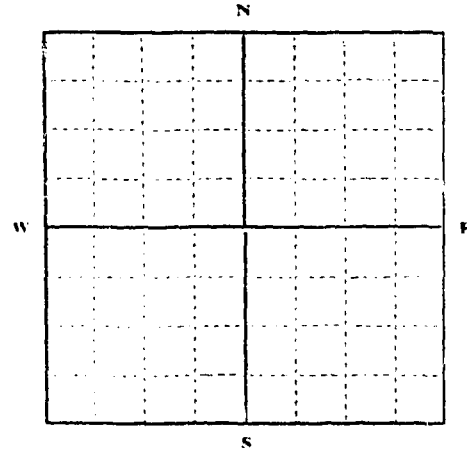
County: Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. WILLIAM KYLER of Boulder
(Name of Appropriator) (Address) (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 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... Sub-irrigation of hay and pasture meadows

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Earliest use: approximately 1880. Use has been approximately continuous since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 200 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
William Kyler.
Twp 6 N., R. 4 W.
Sec. 15: NE 1/4, Sec. 14: W 1/2 NW 1/4, containing 240 acres, more or less.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Sub-irrigation throughout all the hay meadows

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

8. The depth of water table... Estimated 6 inches to an estimated 150 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
Sub-irrigation

10. The estimated amount of groundwater withdrawn each year. All that was available for the sub-irrigation described above, although the total cannot be estimated in gallons or miner's inches or otherwise.

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 The land described above has been continuously used since 1880 for pasture and as hay meadows. During all of that time there has been sub-irrigation; and the sub-irrigation has been and is still being used for the production of grass and hay.

Signature of Owner William Kyler
WILLIAM KYLER

Date January 15, 1964

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.

83477

RECORDER'S OFFICE }
Jefferson County, Montana }

Filed for record this 21 day of January

A. D. 1944 at 3:30 o'clock P. M.

Wm. Dawson
County Recorder

Fees, \$ 2.00

RECORDED

County SEYBURN

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

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.

(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 Washington County
Address Box 565, Boulder
Montana
Date well started March 21, 1972
completed March 24, 1972

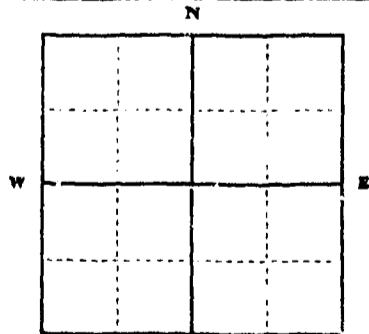
For Administrator's Use
File <u>96226, April 17, 1972</u>
<u>3:45 P.M.</u>
GW <u>1</u>

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 * Gard. /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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Str	From (Feet)	To (Feet)
<u>6"</u>	<u>1716</u>	<u>0</u>	<u>82</u>	<u>None</u>		



Static water level 60 ft.*
Pumping water level 25 ft.*
at 20 gallons per minute,
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by Blaker
for 2 hours.
Power Elect. Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

SE 1/4 SE 1/4 Sec. 21 T50N
T. 62 N. R. 4 W. 5

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>0</u>	<u>5</u>	<u>Topsoil & gravel</u>
<u>5</u>	<u>22</u>	<u>Clay & Sand</u>
<u>22</u>	<u>60</u>	<u>Clay & sandstone of Broken rock</u>
<u>60</u>	<u>82</u>	<u>Hard sandstone</u>

82 Show exact depth of bottom

50,239