

County Golden

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 Gifford R. & Iola W. Friedberg
Address Rt. 1, Box 212 B, Bozeman, Mt.
Date well started April 12, 1973 completed April 19, 1973

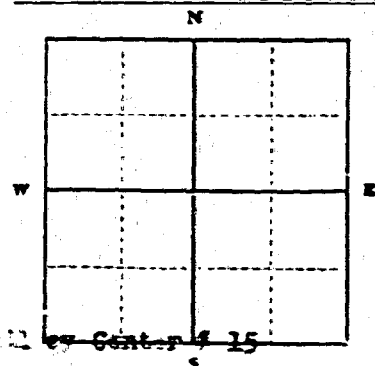
For Administrator's Use	
File	<u>3245</u>
	<u>TIME 7:13</u>
	<u>BW 2:00 P.M.</u>

Type of well drilled (Dug, driven, bored or drilled)
Equipment used TAUMT Well (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) Valley Center Sub Divisions Lot 15

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6"</u>	<u>6 5/8 OD x 17"</u>	<u>1 1/2'</u>	<u>48</u>			
		<u>above ground</u>				



Static water level 20 ft.*
Pumping water level 4 ft.*
at 30 gallons per minute,
measured 30 minutes after pumping
began.
* Measured from ground level.
Well developed by 1
for 1 hours.
Power _____ Pump _____ HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

T. 1 S. 7 R. 6 E. 7

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

Driller's Signature [Signature]
Driller's Address [Address]

LICENSE NO. 27

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
<u>0</u>	<u>3</u>	<u>Top soil</u>
<u>3</u>	<u>30</u>	<u>Gravel & Clay Mix</u>
<u>30</u>	<u>32</u>	<u>sand</u>
<u>32</u>	<u>42</u>	<u>sand & gravel</u>
<u>42</u>	<u>48</u>	<u>sand & fine gravel</u>

Show exact depth of bottom

32 051

3245

County Clerk & Recorder
June 7, 1973
2:00 o'clock P.M.

By Ceta M. Whitman
Fee \$ 2.00 pd

RECORDED
1971

15-6E
County Billings 27

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

DEPARTMENT OF NATURAL RESOURCES

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.

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 R. S. Hunt
John M. Hunt
Address Box 853
Brazner, Mont 58715

For Administrator's Use
File 3052 March 5, 1972
3:30 p.m.
GW 1

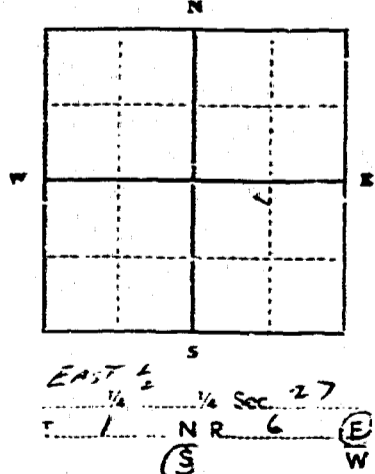
Date well started Sept. 7, 1971
completed Sept. 11, 1971

Type of well Drilled
(Dug, or aug. bored or drilled)
Equipment used Schwan Drill
(Chain drill, rotary or other)
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 in.</u>	<u>6 3/8 C.D. 17#</u>	<u>Surface Ground</u>	<u>43</u>			



Static water level 13 ft.*
Pumping water level 47 ft.*
at 35 gallons per minute,
measured 70 minutes after pumping
began.
*Measured from ground level.
Well developed by Pumped
for 17 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 Donald Sizer
Driller's Address 2107 Bridger Dr.
Brazner, Montana LICENSE NO. 17

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>0</u>	<u>6</u>	<u>Top Soil & Clay</u>
<u>6</u>	<u>45</u>	<u>Sandy, brown clay</u>
	<u>13</u>	<u>Static water level</u>
<u>45</u>	<u>47</u>	<u>Sand & Gravel</u>

47 ft. Show exact depth of bottom

3652

State of Montana
County of Gallatin

Filed March 3 1972

at 3 30 o'clock P.M.

Carl L. Stucky

County Clerk & Recorder

By Alva M. Whittemore

Deputy

Fee \$ 2.00 pd

RECEIVED

JAN 10 1972

County GALLATIN

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

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 M. M. Terry, D. Salo

Address Rt #1 Box 298-B Bozeman, MT 59715

Date well started Aug. 27, 1971
 completed Sept. 8, 1971

For Administrator's Use	
File #	<u>3034 Jan. 9, 1972</u>
Time	<u>10:20 A.M.</u>
GW #	

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

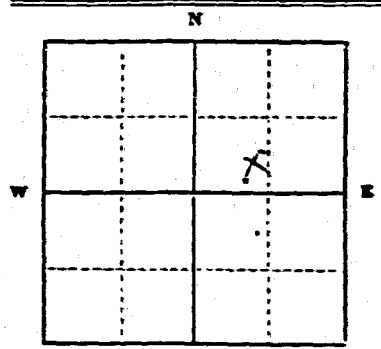
Equipment used Churn Drill
(Churn drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 in</u>	<u>6 5/8 OD 17#</u>	<u>1 1/2 above Ground</u>	<u>70'</u>	-	-	-



Static water level 15 ft.*
 Pumping water level 70 1/2 ft.*
 at 14 gallons per minute,
 measured 60 minutes after pumping began.
 *Measured from ground level.
 Well developed by Pump
 for 1 hr 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 Donald C. Jones

Driller's Address 2107 Bridger Dr.

Bozeman, Montana LICENSE NO. 17

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>8</u>	<u>Top Soil & Clay</u>
<u>8</u>	<u>45</u>	<u>Sand & Gravel with Clay</u>
	<u>15</u>	<u>Static water level</u>
<u>45</u>	<u>49</u>	<u>Sand</u>
<u>49</u>	<u>60</u>	<u>Sand & Gravel</u>
<u>60</u>	<u>69</u>	<u>Sand & Gravel with clay</u>
<u>69</u>	<u>70 1/2</u>	<u>Fine Gravel</u>

70 1/2 ft. Show exact depth of bottom

49,697

3034

State of Montana ;
County of Gallatin ; ss.
Filed Jan 7, 19 72
at 10:30 o'clock A.M.
Carl L. Stucky
County Clerk & Recorder
By Frederick A. Bridges
Deputy
Fee \$ 2.50

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 Junior W. & Elizabeth A. TSCHACHE
Address Box 716
Bozeman, Montana 59715
Date well started Nov. 6, 1970
completed Nov. 12, 1970

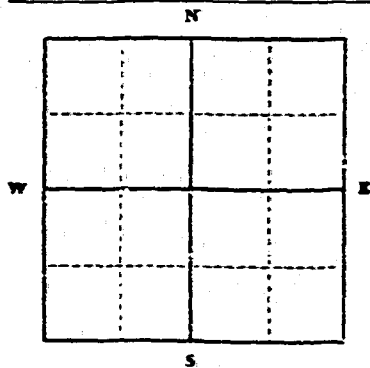
For Administrator's Use	
File	<u>2332</u> <u>December 3, 1970</u> <u>10:15 A.M.</u>
GW 1	

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

*Describe _____
USE: if used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. lot, block and Addition). 1/2 Lot 1, Valley Center Subdiv.

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 in.</u>	<u>6 5/8" 00</u> <u>17#</u>	<u>Surface Ground</u>	<u>59 1/2</u>	-	-	-



Static water level 9 ft.*
Pumping water level 59 1/2 ft.*
at 20 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by Pump
for 1 hr. hours.
Power _____ Pump _____ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

1/4 1/4 Sec. 27
T N R. 6 E
I S W

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

Driller's Signature Donald C. Jones
Driller's Address 2167 Bridger Dr.
Bozeman, Montana LICENSE NO. 17

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>2</u>	<u>Top Soil & Clay</u>
	<u>9</u>	<u>Static water level</u>
<u>2</u>	<u>21</u>	<u>Gravel</u>
<u>21</u>	<u>23</u>	<u>Sand & Gravel with Clay</u>
<u>23</u>	<u>31</u>	<u>Clay</u>
<u>31</u>	<u>46</u>	<u>Gravel bound in Clay</u>
<u>46</u>	<u>57 1/2</u>	<u>Sand & Fine Gravel bound in Clay</u>
<u>57 1/2</u>	<u>59 1/2</u>	<u>Sand & Fine Gravel</u>
	<u>59 1/2</u>	<u>Bottom of well</u>

Show exact depth of bottom

47776

7332

State of Montana
County of Gallatin
Filed December 8, 1970
at 10:15 o'clock A.M.
Carl L. Stacks
County Clerk & Recorder
By Frank A. Mapwell
Deputy
Fee \$ 7.00 pd.

File No. _____

T 15 R 6E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 10 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1936

Owner United States of America

Address Bozeman, Montana

Contractor (if any) N/A

Address of Contractor N/A

Date Started 1936 Date Completed 1936

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

Spring

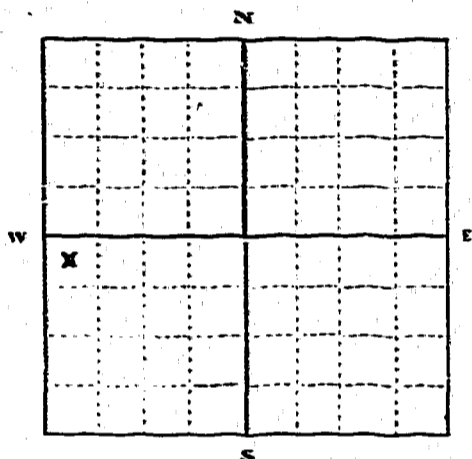
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

Bridger Pasture Spring - 3 G.P.M. - measured flow, & timed.

Administrative pasture and

Use period: Grazing period, approximately eight months annually.



NW1/4SW1 1/4 Sec 27 T 15 R 6E

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

BRIDGER PASTURE SPRING
(Administrative)

UNITED STATES OF AMERICA

Signature of Owner By Robert J. Gibson

Date December 4, 1963

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

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

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

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

#919

State of Montana }
County of Gallatin } ss.

Filed **December 9**, 1963

at **11:49** o'clock **A.** M.

EARL WALTON

COUNTY CLERK & RECORDER

By *Leah A. Maxwell*

DEPUTY

Fee \$ **2.00**

File No. _____

T 15 R 63

DUPLICATE

County Jallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

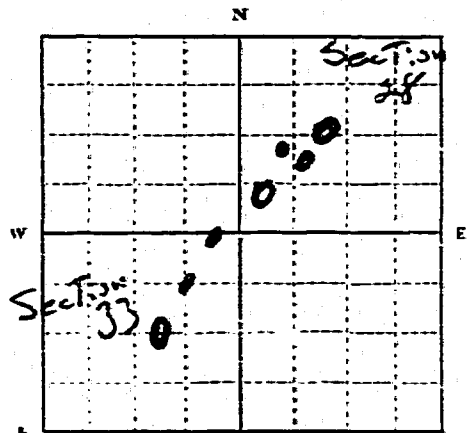
JAN 15 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Verna M. Green, of Box 313, Roseman, Montana
(Name of Appropriator) (Address) (Town)

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



Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
Sect. 33 s 16 63
Sect. 28 15 63
Sect. 28 T15 R 63

- 2. The beneficial use on which the claim is based domestic, stock, crop irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been recorded 1884, daily use
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) not applicable
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 60 acres - Verna M. Green. Flow normally referred to as Lyeon Creek
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal gravity flow from springs as indicated on map

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not applicable
- 8. The depth of water table not applicable
- 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 not applicable
- 10. The estimated amount of groundwater withdrawn each year depends on year so not applicable
- 11. The log of formations encountered in the drilling of each well if available not applicable
- 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 Judgment Book 5 page 434 also Book 2 page 31, Jallatin County

Signature of Owner Verna M. Green
Date December 26, 1963

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

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

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

1313

State of Montana
County of Blaine

Filed 12-30 1968

at 1:11 o'clock P.M.

Carl [Signature]
COUNTY CLERK & RECORDER

BY [Signature]
DEPUTY

Fee \$ 7.00

File No. _____

T. 1S R. 6E

DUPLICATE

County GALLATIN

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 2 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1950

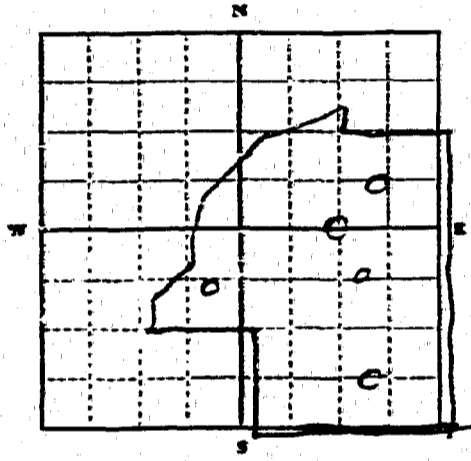
Owner William W. & Marjorie R. Huffine Address Rt. 2, Bozeman, Montana

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

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



1/4 Sec. 28 T. 1S R. 6E

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

W 1/4, SW 1/4 & SE 1/4, SE 1/4 of Lots 2 & 3
All lots 4 & 5
Pt. NW 1/4, SW 1/4 & Pt. SE 1/4, NE 1/4

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. Constant supply of water for pasture use.

Signature of Owner William W. Huffine

Marjorie R. Huffine

Date November 20, 1963

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

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

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

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

797

State of Montana }
County of Gallatin } ss.

Filed **November 29**, 1963
at **2:12** o'clock **P**. M.

EARL WALTON

COUNTY CLERK & RECORDER

By *Paul M. Mapule*

DEPUTY

Fee \$ **2.00** pd

File No. _____

T1S R6E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 27 1963

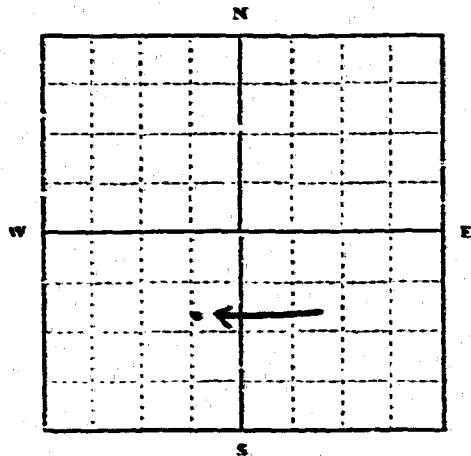
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Leo Eugene Westlake & Audrey N. Westlake, of Route 1, Bozeman
(Name of Appropriator) (Address) (Town)

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



SW 1/4
Sec 29 T 1S 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 stock water household irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous use since about 1895 not used for irrigation or household use last 5 years
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 one acre owner Leo Eugene Westlake & Audrey N. Westlake located at point indicated
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal gravity flow from the spring at indicated point

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater household spring boxes constructed about 1895
- 8. The depth of water table surface level
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater gravity system only, 5 wooden boxes each box 3' x 3' x 6'
- 10. The estimated amount of groundwater withdrawn each year 10 miner's inches continuous flow
- 11. The log of formations encountered in the drilling of each well if available none
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Leo Eugene Westlake
Audrey N. Westlake
Date Dec 24, 1963

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

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

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

#1040

State of Montana (ss.
County of Gallatin)

Filed December 26, 1963
at 1:26 o'clock P M.

RAUL WALTON
COUNTY CLERK & RECORDER
By Scott M. Maxwell
DEPUTY

Fee \$ 2.00 pd

File No. _____

T 1 S R 6 E

DUPLICATE

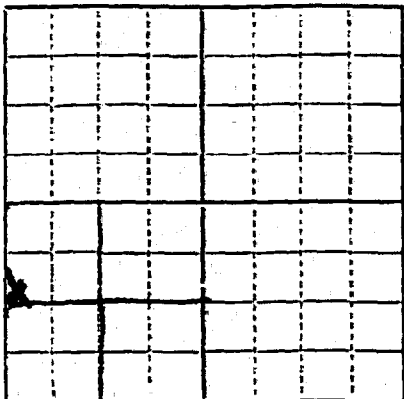
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Raymond E. & Lola I. Bridgewater of P. O. Box 681, Roseman, MONTANA
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 30, T. 1 S, R. 6 E

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

- The beneficial use on which the claim is based personal use & irrigation.
- Date or approximate date of earliest beneficial use; and how continuous the use has been Daily use - at least prior to 1946.
- The amount of groundwater claimed (in miner's inches or gallons per minute) irrigation of pasture & lawn + household use for 5 persons + mechanic shop.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 4.24 acres of pasture and yard and garden, Raymond E. and Lola I. Bridgewater, owners.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pumping from wells, one in garden, one under house, irrigation with sprinkler + large pump.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater prior to 1946 best of our knowledge
- The depth of water table from 3' to 4' depending on time of year - early spring - near 1' - 2'
- 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 35" to 40" well for house use, 12" open well for other irrigation. casing on house well.
- The estimated amount of groundwater withdrawn each year unknown
- The log of formations encountered in the drilling of each well if available no log available
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none available

Signature of Owner Raymond E. Bridgewater
Lola I. Bridgewater
Date December 27, 1963

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

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

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

#1068

State of Montana } ss.
County of Gallatin }
December 27
Filed _____ 1963
at 10:41 o'clock A M.
EARL WALTON

Earl A. Walton
COUNTY CLERK & RECORDER

Fee \$ 2.00 pd DEPUTY

GW3

File No _____

DUPLICATE

T. R. _____

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CONTROL
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

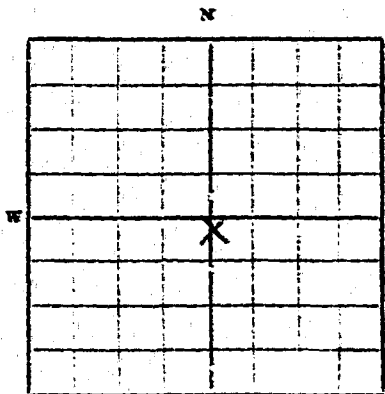
Date of Appropriation of Groundwater 1900

Owner Katherine O. & J. Utton
M. McWhorter Address RD #1 Bozeman Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable gravity fed spring with concrete collecting box and gravity flow pipe systems to house, yard, garden, milk house, barn and water tank.

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 measured, with all other outlets off, three short length of garden hose, in house and also in barn, at 5 gal per minute. in 30 years we have lived here.

S E 1/4 Sec. 30 T. 15 R. 6 E
Indicate point of appropriation and place of use, if possible.

Signature of Owner Katherine O. & J. Utton
M. McWhorter

Date 12-2-63

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.

994

State of Montana)
County of Gallatin) ss.
Filed Dec 23 1963
at 1:45 o'clock P. M.
Carl Walter
COUNTY CLERK & RECORDER
By [Signature]
DEPUTY
Fee \$ 2.00

G

File No. _____

DUPLICATE

RECEIVED
JUN 11 1964

Approved Stock Form - State Publishing Co., Helena, Montana - 1174

T. 15 R. 6 E
County Gallatin

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

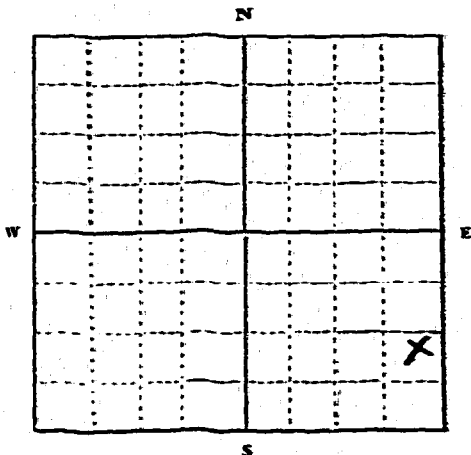
JAN 18 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Oswald and Helen Bennett of 907 Bridgeway Drive Bozeman
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec 31 T. 15 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 Household, Shop, Gardens, Lawn
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Nov. 20, 1959
4. The amount of groundwater claimed (in miner's inches or gallons per minute) _____
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lawn, and Gardens
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal _____

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater _____
8. The depth of water table 28 1/2'
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 about 30' 8" casing
10. The estimated amount of groundwater withdrawn each year 50,000 gals
11. The log of formations encountered in the drilling of each well if available. 6' Clay 14' Sand 3' clay 2' sand + gravel 4' Clay from 40'
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 _____

Helen Bennett
Signature of Owner Oswald H. Bennett
Date Dec 31, 1963

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

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

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

36058

1744
1744

State of Montana)
County of Gallatin) ss.
Filed Dec 31, 1963
At 9:51 o'clock P. M.
Carl Walton
COUNTY CLERK & RECORDER
By FW
Deputy
Fee \$ 200

31

File No. _____

T 1 S R 6 East

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

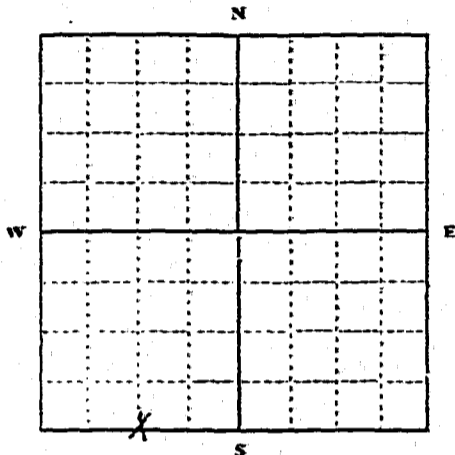
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1 Keith R. Bevl and Dorothy Bevl of 510 South 6th Bozeman,
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana

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



SW 1/4 Sec 31 T 1 S R 6 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 Domestic and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been August, 1951 and constant.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof House, yard and garden located north of East Griffin Drive and east of N.P. Tracks, Keith R. and Dorothy Bevl, owners.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August, 1951

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 7" casing, 50' well.

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

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Book of Deeds, Book 142, Page 39

Signature of Owner Keith R. Bevl
Date Dec 31, 1963

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

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

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

35993

#1679

State of Montana }
County of Gallatin } ss.

Filed Dec. 31, 1963

at 1:17 o'clock PM.

EARL WALTON
COUNTY CLERK & RECORDER

By *L. Maxwell*
DEPUTY

Fee \$ 2.00

File No. _____

T 1 S R 6 E

DUPLICATE

County: Belt

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Keith R. & Dorothy Boyd Address: 510 to 514th

Driller: Harold Halbert Address: Route 1

Date of Notice of Appropriation of Groundwater: _____

Date well started: June 15, 1963 Date Completed: June 19, 1963

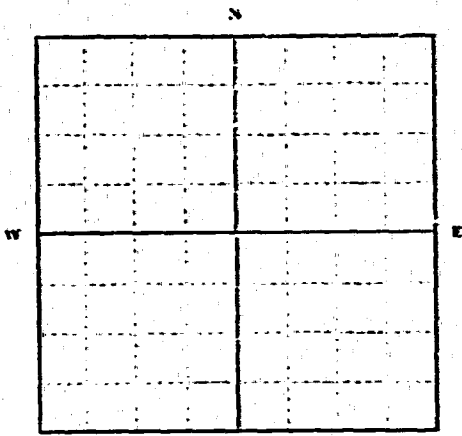
Type of well: Drilled Equipment Used: Charnow
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Top of Ground
(Elev. above sea level _____)
2-10 Soil
10-20 Rock & Sand
20-25 " Clay
25-29 gravel & water
Bottom of well

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
1"	6 5/8 O.D. 12.8 lbs	0	27	none		



SW 1/4 Sec 31 T.1S R.6E
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: _____

Pumping Water Level: 22 feet at 42 gal. per minute.

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

How Tested: pump Length of Test: 5 hr

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

none

47
Driller's License Number

Harold R. Halbert
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.

35992

#1678

State of Montana }
County of Gallatin } ss.

Filed Dec. 31, 1963

at 1:16 o'clock P.M.

EARL WALTON
COUNTY CLERK & RECORDER

By [Signature]
DEPUTY

Fee \$ 2.00

County Gallatin **31**

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 Keith and Dorothy Bevl
Address 2109 S College
Bozeman, Montana
Date well started Nov 28 1970
completed DEC 15 1970

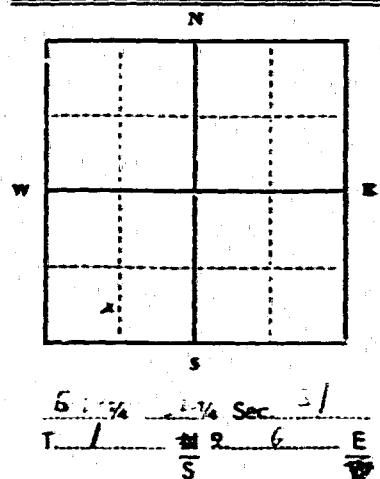
For Administrator's Use	
File	<u>2345</u>
	<u>January 15, 1971</u>
	<u>2:00 P.M.</u>
GW I	

Type of well Drilled
(Dug, driven, bored or drilled)
Equipment used table tool
(Chain 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 35,000 Gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6 5/8 O.D. 19 lb	2 above	45	none		



Static water level 11 ft.*
Pumping water level 35 ft.*
at 20 gallons per minute,
measured 1 hr minutes after pumping began.
*Measured from ground level.
Well developed by beller method
for 4 hours.
Power 220V Pump 3/4 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 Harold B. Hulbert
Driller's Address 121 I Bozeman, Montana

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)	
1	10	Rock & gravel
10	15	Clay & rock
15	29	Clay & gravel
29	30	Sand & very little
30	35	Water
35	37	Clay & rock & sand
37	42	clay & rock
42	44	gravel sand & water

LICENSE NO. _____ Show exact depth of bottom

43004

2345

State of Montana ss
County of Gallatin

Filed Jan 15, 1971
at 2:00 o'clock PM

Carl L. Steing
County Clerk & Recorder

By Alta M. Hansen
Deputy

Fee \$ 2.00

File No. _____

T 1 S R 6 East

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

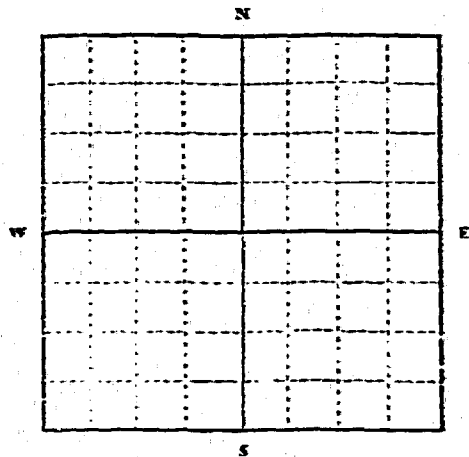
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Keith R. Seyl and Dorothy Seyl, of 510 South 6th, Bozeman,
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana

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



SW 1/4 Sec 31 T. 1 S. 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 Sub-irrigation ground water.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Flow by seepage from waste water.

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 Seepage

SW

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

8. The depth of water table Ground Level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater A ditch on the N.P. right-of-way which is a waste ditch containing water diverted from Bozeman Creek and the underground seepage from this ditch sub-irrigates the North portion of the described tract.

10. The estimated amount of groundwater withdrawn each year 40 miner's inches

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 See book of Deeds - book 142, Page 39

Signature of Owner

Keith R. Seyl

Date Dec 31, 1963

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

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

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

35994

#1680

State of Montana { ss.
County of Gallatin }

Filed Dec. 31, 1963

at 1-18 o'clock P.M.

EART. WALTON

COUNTY CLERK & RECORDER

By

L. A. McNeill
DEPUTY

Fee \$ 2.00

File No. _____

15 6E 21

DUPLICATE

County GALLATIN

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner R.A. EUBANK Katherine Bounting Address BOZEMAN, MONT.

Driller VAN DYKEN DRILLING Address BOZEMAN, MONT.

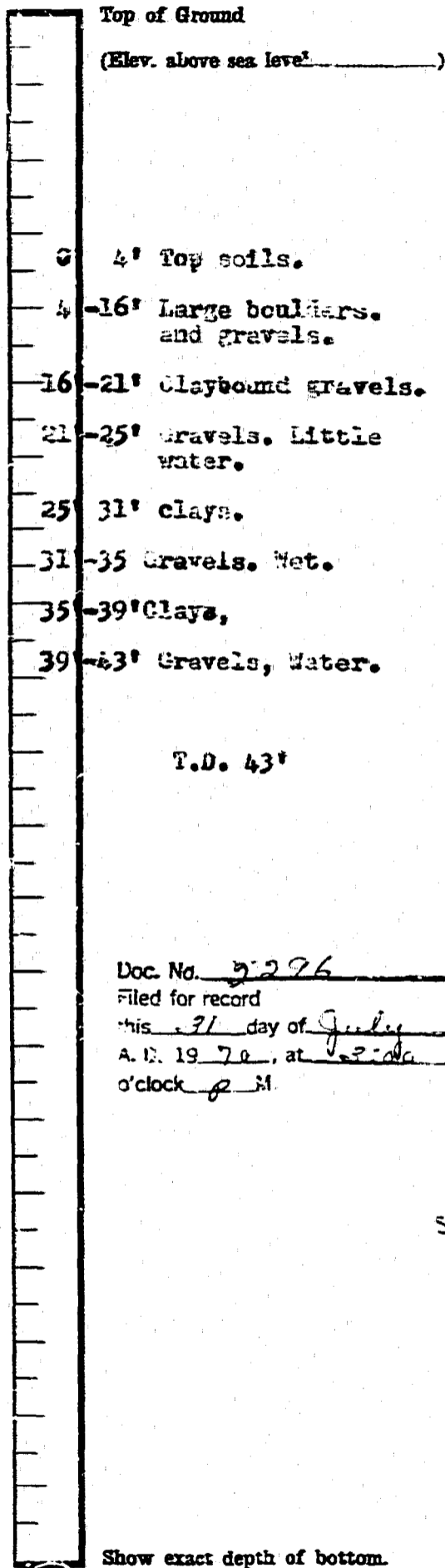
Date of Notice of appropriation of groundwater none

Date well started May 29/70 Date completed June 2/70

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

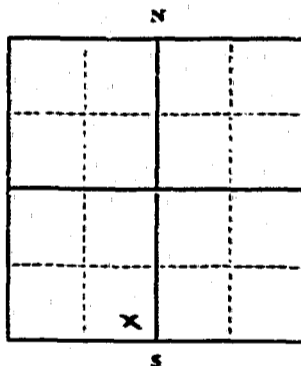
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" O.D. 17# Tested.	0'	39' 5"	none		

Doc. No. 3276
Filed for record
this 31 day of July
A. D. 19 70, at Bozeman
o'clock PM



SW 1/4 Sec 31 T15 R6E
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 none

Pumping Water Level 34' feet
at 8 gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested Pailer

Length of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Puddled clays shutoff outside of casing.

LICENSE NO. 1

Driller's License Number

Bert Van Dyken
Driller's Signature
Bert Van Dyken

47293

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.

(Continue on reverse side)

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

Show exact depth of bottom.

2296

State of Montana ss.
County of Gallatin

Filed July 31, 1970

at 3:00 o'clock P.M.

Carl L. Stacker

County Clerk & Recorder

By Betty Rose Origins
Deputy

Fee \$ 2.00 pd.

File No.

T. 15 R. 6E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

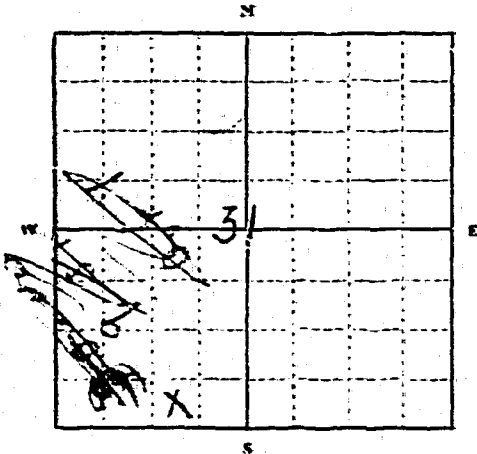
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. R. A. + Katherine Bunting of 215 E. Griffin Drive, Bozeman
(Name of Appropriator) (Address) (Town)

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



SE 1/4 SW Sec 31, T. 15, 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 Household, Livestock, Poultry, and Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Prior to 1946
Continuous use since then

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 100 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
8 1/2 acres in Tract C and E of Tract 9 on above Plat.
R. A. + Katherine Bunting, Owners.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric automatic pressure control pump at house and garden 2 well now.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Home well prior to 1946. Garden and irrigation well 1951

8. The depth of water table 6 to 8 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drug wells 4 ft. Diameter 12 feet deep

10. The estimated amount of groundwater withdrawn each year 1,800,000 gals. at present

11. The log of formations encountered in the drilling of each well if available Black Loam 2 ft. Gravel and rock 10 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 new contemplated wells may use up to the 100 gallons per minute of water claimed.

Signature of Owner R. A. Bunting
Katherine Bunting

Date Dec. 27 1963

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

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

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

1137

State of Montana } ss.
County of Gallatin }
Filed Dec 27 1963
at 4:00 o'clock P. M.
Carl Walton
COUNTY CLERK & RECORDER
By [Signature] DEPUTY
Fee \$ 200

Form No. 18
8-60

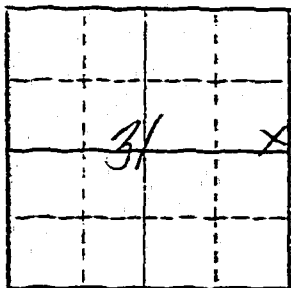
I. 18 R. 6E ³¹
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 1956

Water Well Log

STATE ENGINEER



Owner Wilbur J. Button Address Bozeman
Driller Bert Van Dyken Address Bozeman
Date Started May 13, 1955 Date Completed May 17, 1955
Location: Sec. 31 T. 18 R. 6E $\frac{1}{4}$ sec. SE Cor - SE 4 8 1/4 NW 1/4
less 7 1/2'

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 74 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: 26 feet.

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

Pumping water level 54 feet at 15 gal. per min.

How tested: Bailer

Length of test _____

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

(over)

GW3

File No. _____

DUPLICATE

T 11 R 6 E

County Gallatin

RECEIVED
OCT 29 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1957

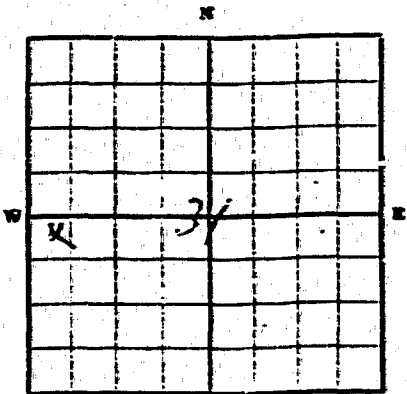
Owner James E. Cass Address Chandpoint Id.

Contractor (if any) spring

Address of Contractor _____

Date Started 1957 Date Completed _____

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



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

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

Signature of Owner James E. Cass

Date Oct. 28, 1963

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

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

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

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

747
State of Montana }
County of Gallatin } ss
Filed Cliff 1963
at 10 30 of October
Paul Lutton
COUNTY CLERK & RECORDER
By _____
Fee \$ 20.00 OFFICE

File No. _____

T. 18 R. 6 E
County Hallatin

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

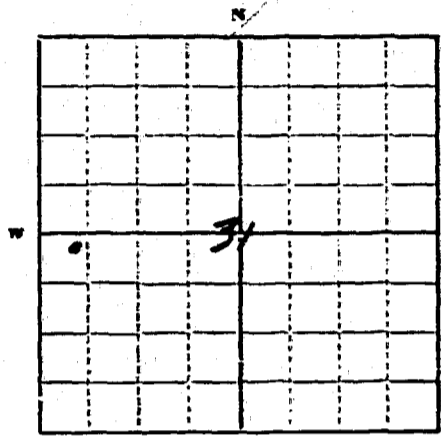
RECEIVED
OCT 29 1963

Declaration of Vested Groundwater Rights

(Un. - Chapter 237, Montana Session Law, 1961)

STATE ENGINEER

James E. Case of Handpoint
(Name of Appropriator) (Address) (Town)
County of Hallatin State of Idaho
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 31 T18 R6E

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

- The beneficial use on which the claim is based irrigation and livestock
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1957 year around.
- The amount of groundwater claimed (in miner's inches or gallons per minute) _____
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1/4 acres
- The means of withdrawing such water from the ground and the location of such well or other means of withdrawal plunger pump 60 gals per minute.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1957
- The depth of water table 6 feet.
- 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 estimated amount of groundwater withdrawn each year 10"
- The log of formations encountered in the drilling of each well if available 3 ft Topsoil, Balcones gravel + Rock
- 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 James E. Case
Date Oct 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.

748
State of Missouri
County of Jackson
Filed Oct 11 1892
at 10 31 Frank
James W. Miller
By 2000

File No. _____

T 1 S R 6 E 31
County Gallatin

DUPLICATE

STATE WATER CONSERVATION BOARD

LOG OCT 17 1966

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Harley Celander Address Bozeman

Driller M.E. Jones Address Bozeman

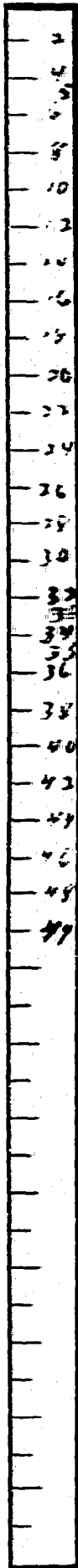
Date of Notice of appropriation of groundwater _____

Date well started Sept 28 1966 Date completed Sept 29 1966

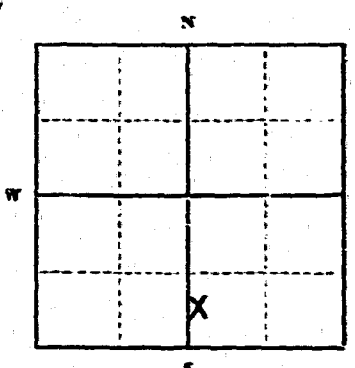
Type of well Drilled Equipment used Churn Drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other 7-21-66 - Cow

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 3/4" 50117	0	48'			



Static Water Level for non-flowing well 4 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 47 feet
at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump

Length of Test 1 Hour

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

1/2 Sec 31 T 1 S R 6 E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, third copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

17
Driller's License Number
Milton E. Jones
Driller's Signature

41,519

#7046

State of Montana)
County of Gallatin) ss.
Filed Oct. 13 1966
at 9:00 o'clock A.M.

Paul L. Shick
County Clerk & Recorder

By Frank A. Harper
Deputy

Fee \$ 2.00

RECEIVED

13-6E
County Butte 31

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 P.A. Griffin & Sons Lumber
Address 102 N. 1st Ave. Roseman, Mont.
Date well started June 12 1972
completed June 19 1972

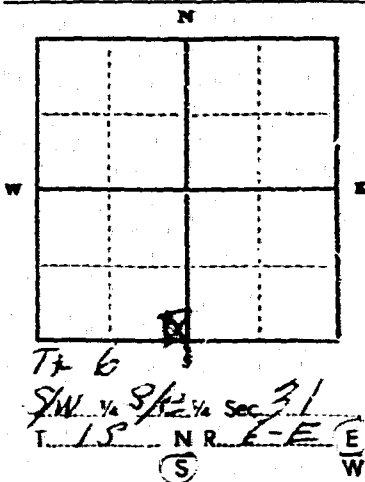
For Administrator's Use
File # 3155
Date Nov. 19, 1972 4:00 p.m.
GW 1

Type of well Drilled
Equipment used Cable tool
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	19 lb 6 5/8 OD	12 above	52	None		



Static water level 52.8 ft.
Pumping water level 2052 ft.
at 20 gallons per minute,
measured 30 minutes after pumping
began.
*Measured from ground level.
Well developed by Pump
for 2 hours.
Power 230V Pump 3/4 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 Harold B. Hulbert
Driller's Address Rt One Roseman, Montana
Hulbert Drilling LICENSE NO. 47

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	soil
5	7	gravel
7	24	sand & gravel
24	30	gravel small amount of water
30	40	sand clay gravel very little water
40	48	sand water bailed dry
48	50	clay water
50	53	water & sand
53	54	water

53; Show exact depth of bottom

3155

State of Montana ss.
County of Gallatin

Filed Nov 10 1972
at 4:00 o'clock P.M.

P. J. Smith
County Clerk & Recorder
By Dea M. Whiteman
Deputy

Fee \$ 2.00 pd

File No. _____

T 15 R 6 E

County Gallatin

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

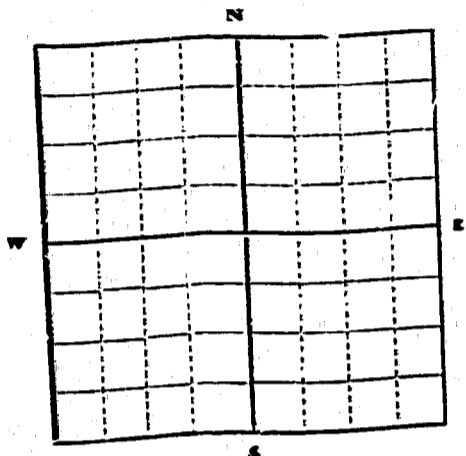
RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I Ray R. Griffin of Route 3 Bozeman
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 31 T15 R6E

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 Homehold use.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910
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 4" dia. 17 ft deep
10. The estimated amount of groundwater withdrawn each year 200 gal
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Ray R. Griffin

Date 7-5-62

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

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

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

517

State of Montana
County of Cascade
Filed July 5 1962
at 10 40 AM
J. J. [unclear]
[unclear]
[unclear]
[unclear]
[unclear]

File No. _____

T 18 R 6 E

DUPLICATE

County Hallatin

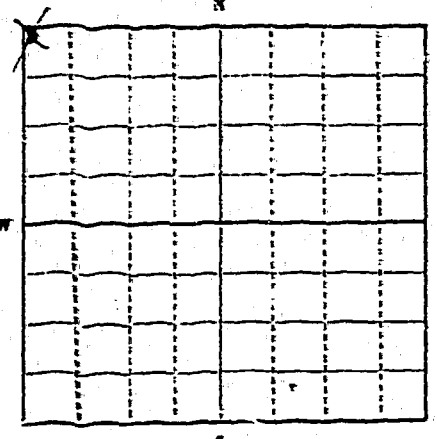
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1 John P. Griffin of 2112 N Rose Bozeman
(Name of Appropriator) (Address) (Town)
County of Hallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



87 1/2 Sec. Sec. 31 T 18 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 Domestic Purpose
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been April of 1961
daily
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gal per min.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Mar 15 - 1961 April 1961
- 8. The depth of water table 12 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 None Available
- 10. The estimated amount of groundwater withdrawn each year 18250 x 5 = 91250
- 11. The log of formations encountered in the drilling of each well if available Not Available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner John P. Griffin
Date Sept. 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

#557

State of Montana }
County of Gallatin } ss.
Filed December 6, 1962
at 12:30 o'clock P M.
EARL WALTON
COUNTY CLERK & RECORDER
By [Signature]
DEPUTY
Fee \$2.00 pd

T. 15 R. 6E 31

County Dallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAY 11 1958

WATER WELL LOG

STATE ENGINEER

Owner Oliver Harmon Address Route 3

Driller Van Dyke Drilling Co. Address Bozeman

Date Started May 6/58 Date Completed May 10/58
Part SE1/4 SW1/4

Location: Sec. 31 T. 15 R. E 1/4 sec.

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

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

Casing: 0 ft. to 8.5 ft. Type: wire steel Size: 3/8" O.D. #17 lb.

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

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

Perforated or Screened: Ft. 37-40 to ft. 45-48 Ft. 53-73 to ft. 76-85

Type of screen or perforations 7/16" slot x 12"

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

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

Pumping water level 5.5 feet at 5.5 gal. per min.

How tested: Bailer

Length of test 1 hr.

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	2	top soils
2	20	gravel (little water at 18')
20	37	gravel with clay binder (not much water)
37	70	coarse gravel (water)
70	75	clay (dry)
75	78	gravels
78	53	gravels with clay binder (dry)
53	56	" " " " "
56	57½	clean gravels (water)
57½	73	gravels (water)
73	76	dry clay
76	85	gravel (water)
85	90	clay (dry)

Page 5

By *W. J. Masterson*
Carl Miller
 June 13
 1930
 O
 Lock

File No. _____

15-6E
T 15 R 6E 31
County Golden

QUADRUPLICATE

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)

JACOBS

Owner Maurice & Margaret A. Address Box 1193; Bozeman

Driller Ronald C. Jones Address 2107 Bridgeway Dr. Bozeman, Mont

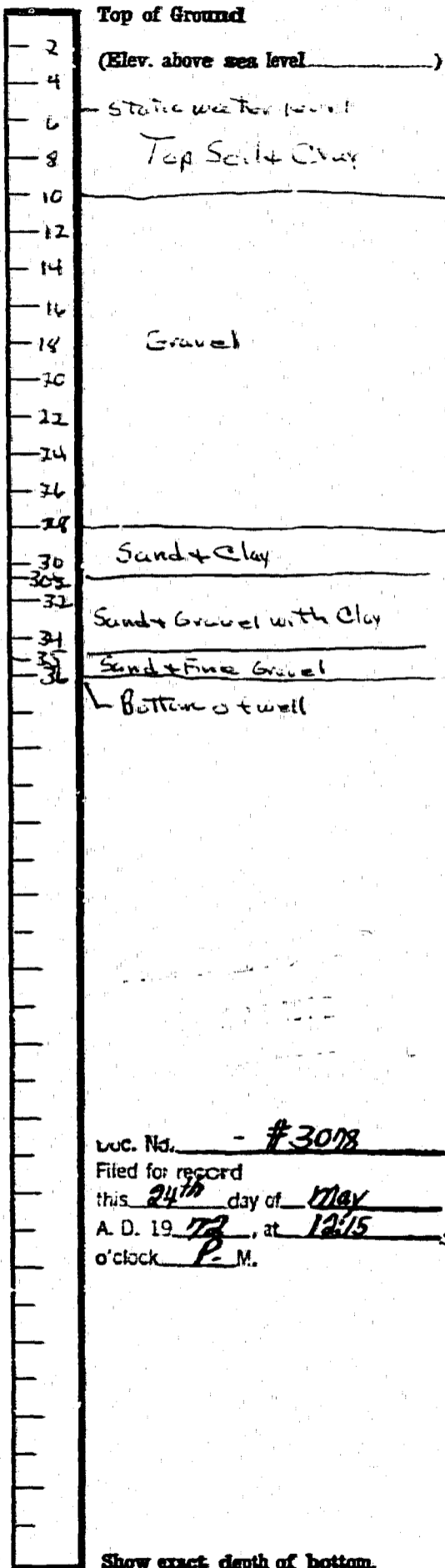
Date of Notice of appropriation of groundwater _____

Date well started April 1, 1968 Date completed April 3, 1968

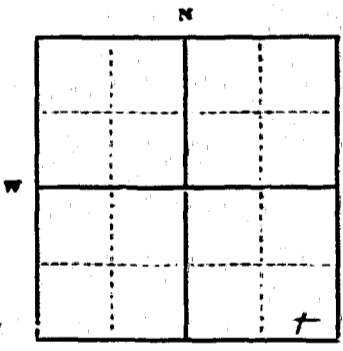
Type of well _____ Equipment used _____
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in	6 5/8" CD	1 Above Ground	36'	—	—	—



Static Water Level for non-flowing well 5.48 feet

Shut-in Pressure for Flowing Well _____

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

Discharge in gal. per min. of flowing well _____

How Tested Pump

Length of Test 1 hr.

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

Doc. No. #3078

Filed for record this 24th day of May A. D. 19 72, at 12:15 o'clock P. M.

S 1/4 SE 1/4 Sec. 31 T. 15 R. 6 E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

17
Driller's License Number _____
Driller's Signature Ronald C. Jones
50449

3078

State of Montana
County of Gallatin
Filed May 24 19 72
at 12:15 o'clock P.M.
Carl L. Stucky
County Clerk & Recorder
By Donald A. Bridges
Deputy
Fee \$ 2.00

3143

State of Montana } ss.
County of Gallatin }
Filed Oct. 19, 1970
at 9:15 o'clock A.M.
Carl L. Stucky
County Clerk & Recorder
By Arnold G. Bridges
Deputy
Fee 2.00

File No. _____

T. 15 R. 6 E

DUPLICATE

County Hell Creek

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Montana Industrial Development Corporation Address Professional Bldg. Bozeman, Mt. 2107 Bridger Dr
Driller Donald C. Jones Address Bozeman, Mt.

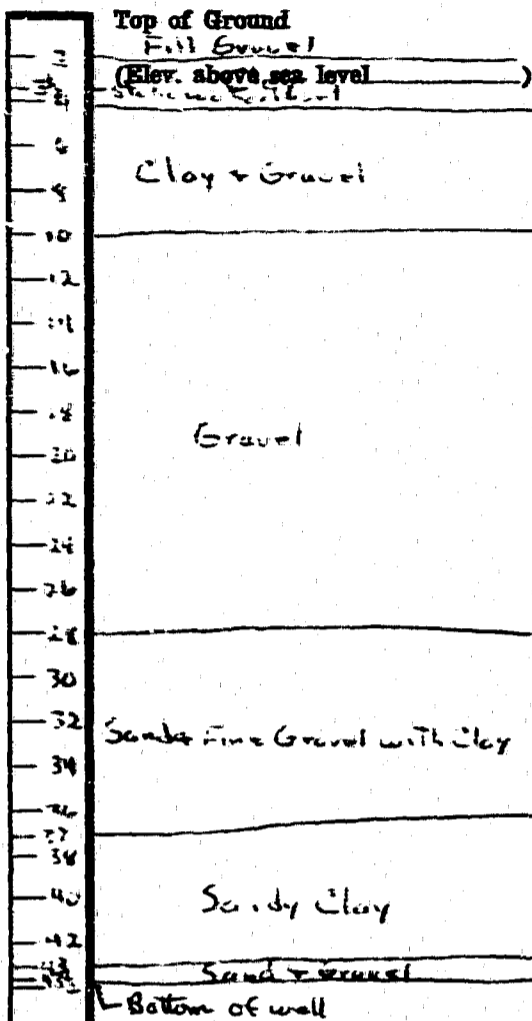
Date of Notice of appropriation of groundwater _____

Date well started May 26, 1970 Date completed May 27, 1970

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

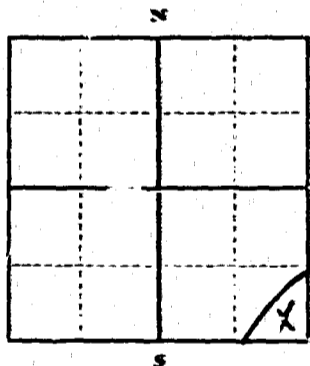
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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)	CORROSION		
				Kind	From (Feet)	To (Feet)
6 in.	6 3/8" 20 lb	11'	4 1/2'			

Doc. No. #3143
Filed for record this 19th day of October A. D. 1970, at 9:15 o'clock P.M.



SE 1/4 Sec 31 T. 15 R. 6 E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 3 1/2 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 4 3/4 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump

Length of Test 1 hr.

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

(Continue on reverse side)

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

Bridger Center Industrial Park

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 this form will be returned.

Driller's License Number _____

Driller's Signature _____

51,653

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 MONTANA INDUSTRIAL

DEVELOPMENT CORP.

BOZEMAN, MONTANA

Date well started April 2/71

completed April 26/71

For Administrator's Use

File # 3140

Oct 18, 1972 7:00 a.m.

G/N I

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Cable tools

(Cable tool, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

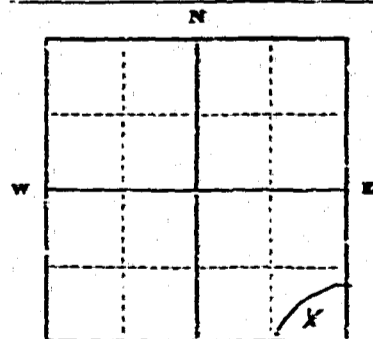
Industrial Drainage Other * Garden/Lawn

*Describe Mobil Home Park

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" O.D. 17 1/2 per ft. Tested Casing	0	178'	1 1/2" X 3" Slots.	143	147
					162	168
					171	173



Static water level 8' ft.*
Pumping water level 138' ft.*
at 70 gallons per minute,
measured 60 minutes after pumping
began.

*Measured from ground level.

Well developed by Air
for 6 hours.

Power Gas Pump 150 HP

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

Grout from 5' to 15'

Clay and drill cuttings
shutoff from 15' to 140'

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

VAN DYKEN DRILLING CO.

Driller's Signature Bob Van Dyken

Driller's Address BOZEMAN, MONTANA

LICENSE NO. 1

15 6 31
County Gallatin

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'	16'	Claybound sand and Clay.
16'	66'	Claybound sand and gravels. Very little water.
66'	67'	Clean sand and gravel 36 GPM, 33' drawdown.
67'	119'	Claybound sand and gravels. Very little water.
119'	129'	Soft clays. Dry.
129'	143'	Claybound sand and gravels. Little water.
143'	144'	Clean sand and gravels. Water.
144'	162'	Claybound sand and gravels. Some water.
162'	168'	Clays. Dry.
168'	171'	Cleaner sands and gravels. Very Very tight. Very little water.
171'	173'	Loose clean sand and gravels. Water.

180' Show exact depth of bottom

Well #1

51,651

#3140

State of Montana)
County of Gallatin) ss.
Filed Oct. 19, 1970
at 9:00 o'clock A.M.
Carl L. Stucko
County Clerk & Recorder
By Arnold D. Bridges
Deputy
Fee \$ 2.00 pd.

3141

State of Montana
County of Gallatin

Filed Oct. 19, 1972 ss.

at 9:05 o'clock A.M.

Carl L. Stucky
County Clerk & Recorder

By Harold A. Bridger
Deputy

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 Montana Industrial Development Corporation
Address Professional Bldg Bozeman, Mt. 59715

For Administrator's Use	
File #	<u>3145</u>
Date	<u>Oct. 19, 1972 9:25 a.m.</u>
GW I	

Date well started Aug. 17, 1971
completed Aug. 21, 1971

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

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

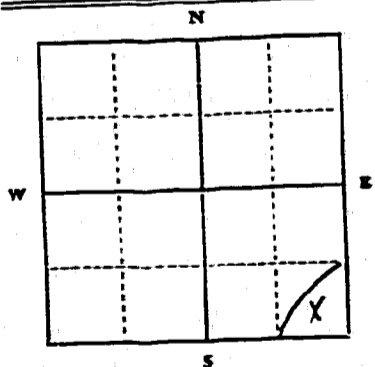
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

*Describe Bridge Center - Industrial Park

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 in.</u>	<u>6 5/8" 40 lb</u> <u>19 #</u>	<u>1/2' above Ground</u>	<u>43'</u>	-	-	-



S 1/2 SE 1/4 Sec. 21
T. 1 R. 6 E

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

Driller's Signature Donald C. Jones

Driller's Address 2147 Bridger Dr.

Bozeman, Montana LICENSE NO. 17

1st 6^E 31
County Gallatin

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	1	Fill Gravel
1	5	Top Soil & Clay
		Static water level
5	13	Gravel & Clay
13	30	Sand & Gravel
30	34	Sand & Gravel with Clay
34	39	Gravel bound in Clay
39	39	Sand & Gravel with Clay
39	42	Gravel bound in Clay
42	43 1/2	Sand & Fine Gravel

43 1/2 Show exact depth of bottom

51,656

#3145

State of Montana } ss.
County of Gallatin }
Filed Oct. 19, 1972
at 9:25 o'clock AM.
Carl L. Sturbo
County Clerk & Recorder
By Lucille A. Bridges
Deputy
Fee \$ 2.00