

File No. ....

MONTANA WATER RESOURCES BOARD

T. 3S R. 5E

DUPLICATE

**RECEIVED**

NOV 17 1967

County Gallatin

LOG

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground

Top Soil

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

**Notice of Completion of Groundwater  
Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

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

Owner George E & Barbara B. Evans Address 704 So. Grand Ave.Driller Donald C. Jones Address 2107 Bridger Dr.  
Bozeman, Mont.

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

Date well started Nov. 2, 1967 Date completed Nov. 11, 1967Type 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)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in	6 5/8" 20.	1 1/2' above Ground	6 1/2'	—	—	—
	19#					

Sand &amp; Gravel with Clay

Sand

Sand &amp; Fine Gravel

Sand

Sand &amp; Fine Gravel

Bottom of well

Lot 1, Fir Hill Subdiv.

1/4 Sec. 1 T. 3S. R. 5E  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Static Water Level for non-flowing well 22 1/2 feet.

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

Pumping Water Level 62 1/2 feet at 25 gal. per minute.

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

How Tested PumpLength 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).

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.

Driller's License Number

Driller's Signature.

42,536

#2183

State of Montana  
County of Gallatin ss.  
Filed November 13, 1967  
at 10:30 o'clock A.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Frank A. McWeed  
Deputy  
Fee \$ 2.00

35-5E  
County GALLATIN

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

RECEIVED

MAR 26 1975

# 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 GEORGE EVANS.  
and BARBARA B. EVANS

Address **BOZEMAN, MONTANA**

Date well started 11/15/72

completed 11/30/72

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Cable tools.

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☒

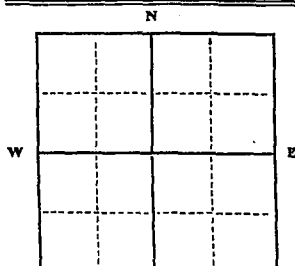
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

**\*Describe**

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

## ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17#	0	68	none		



Static water level .....33.....ft.\*  
Pumping water level 48.....ft.\*  
at .....25.....gallons per minute,  
measured .....60.....minutes after pumping  
began.

\*Measured from ground level.

Well developed by surging  
for 2 hours.

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

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

Firhill Subdivision #1 & Lot 1<sup>s</sup>

..... $\frac{1}{4}$ ..... $\frac{1}{4}$  Sec. ....1.....

T. 3. ~~XKX~~R. 5. E

51

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

Driller's Signature VAN DYKEN DRILLING CO.

Driller's Address 7504 Van Dyken

BOZEMAN, MONTANA LICENSE NO. 1

**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)

[illegible]

~~69~~ Show exact depth of bottom

52,727

3210

State of Montana }  
County of Gallatin } ss.  
Filed March 23, 1973  
at 2:30 o'clock P.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Alta Langen  
Deputy  
Fee \$ 2.00

GW 2

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—483

File No. \_\_\_\_\_

SEP 8 1972

3S SE  
T. 14N R. 10E  
Block 4  
Mountain Shadow Estates

TRIPLICATE

County GALLATIN

LOG

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATIONSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level \_\_\_\_\_)

**Notice of Completion of Groundwater  
Appropriation by Means of Well**  
DEVELOPED AFTER JANUARY 1, 1962

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

0 2' Top soils.

2' 50' Claybound sand and  
gravels and  
boulders.  
Wet 41' to 50'50 52' Clean sand and  
gravels.  
Water.

T.D. 52'

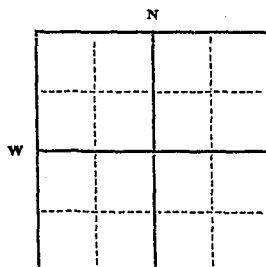
Owner TERRY GUSTAFSON Address BOZEMAN, MONTANADriller VAN DYKEN DRILLING CO. Address BOZEMAN, MONTANADate of Notice of appropriation of groundwater NONEDate well started MAY 15/72 Date completed MAY 15/72Type of well Drilled Equipment used Cable tools.  
(Dug, driven, bored or drilled) (Churn, drill, 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#	0	52	none		

Doc. No. 3123

Filed for record

this 6 day of Sept.A. D. 19 72, at 2:50o'clock P. M.Lot 1, Blk. 4  
Mountain Shadow Estates5 1/2 - NE 1/4, N 1/2 - SE 1/4 Lot 1 Block 4  
N 1/2 5 1/2 - 1/4 Sec. 1 T. 3 S. R. 10 E

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

Static Water Level for non-flowing well 30 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 32 feet  
at 20 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested BailerLength of Test 2 Hrs.Remarks: (Gravel packing, cementing, packers, type of shutoff) Drill cuttings and mud shutoff outside of casing.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

License No. 1

Driller's License Number

Driller's Signature

51,325

3123

State of Montana }  
County of Gallatin } ss.

Filed September 6, 1972  
at 2 o'clock P.M.

Carl L. Stucky  
County Clerk & Recorder

By Act. M. Whitman  
Deputy

Fee \$ 2.00 pd

File No. ....

DUPLICATE

T. 38 R. 5E

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

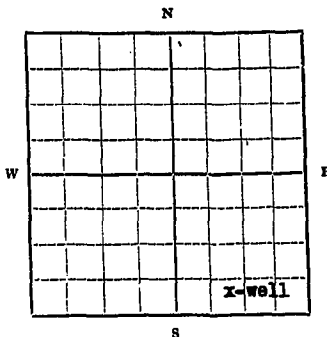
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
FEB 7 1962

STATE ENGINEER

1. Eugene E. Horton, of Route 2, 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 of Sec. 1 T. 38 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, livestock water, irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been before 1900 and used continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 Montana statutory 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 1/5 acre of yard and garden. Eugene E. Horton, owner
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal withdrawn by electric pump located in cellar of bunkhouse 30 feet north of the dwelling house
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well was put in before 1900 and the present pump installed in 1946
8. The depth of water table approximately 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 The well is stone lined, 3 feet in diameter and 40 feet deep according to the previous owner, Frank E. Hyatt
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 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 unknown

Signature of Owner Eugene E. Horton  
Patricia O. Horton Date Feb 2, 1962

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

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

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

1364

472

State of Montana )  
County of Gallatin ) ss.  
Filed **February 6**, 1962  
at **3:30** o'clock **P.** M.  
**EARL WALTON**  
COUNTY CLERK & RECORDER  
By *Ida T. Moore*  
DEPUTY  
Fee \$ **2.00** Pd.



RECEIVED  
SEP 23 1958

T 35, R 55  
County Gallatin

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

X		

Owner M. P. Jenkins Address Box 2, Bigman, Mont.  
Driller Van Dyken Drilling Co. Address Bigman, Mont.  
Date Started 5-12-58 Date Completed 5-25-58  
Location: Sec. 1 T. 35 R. 55  $\frac{1}{4}$  sec. N.E. quarter  
M.P.M. all that portion of S. 5 half of

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

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

Casing: 2 ft. to 9.1 ft. Type prime steel Size 6 5/8" OD P.F. 17 #  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 4.2 to ft. 9.0 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations 3/8" x 12" slots 25 slots

Static Water level, for non-flowing well: 2.1 ft. \_\_\_\_\_ feet.

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

Pumping water level 7.0 feet at 2.8 gal. per min.

How tested: Bar

Length of test 2 hr.

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

(over)

[illegible]

Gallatin County, ss.  
 State of Montana  
 Filed. **Sept. 22,** 1958  
 at **1:20** o'clock P.  
**EARL WALTON**  
 COUNTY CLERK  
 BY *W. J. McPherson*  
 Fee \$ **1.00.** pd.  
 DEPT.



3316

State of Montana }  
County of Gallatin } ss.  
Filed June 29, 1973  
at 8:20 o'clock A.M.  
Carl L. Stacey  
County Clerk & Recorder  
By Alto Hargan  
Deputy  
Fee \$ 2<sup>00</sup>

File No. ....

T. 3 S. R. 5 E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

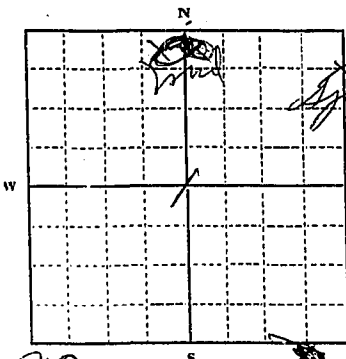
JAN 16 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. W. Kenneth Kraft, of Bogeman Route 2  
(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:



NE 1/4 Sec. 1 T. 3 S. R. 5 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 stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920 Continuous
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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal a ditch from a spring
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater this ditch was dug in the late 1800s or early 1900s Spring was always there
8. The depth of water table ground level at 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
10. The estimated amount of groundwater withdrawn each year none steady
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

W. Kenneth KraftDate 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.

35817

1503

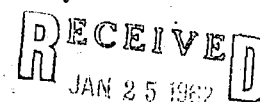
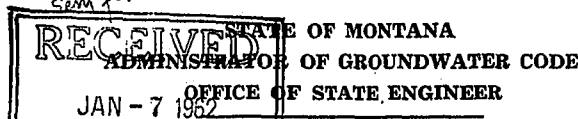
County of Columbia  
Filed Nov 31 1953  
at 10:15 o'clock A. M.  
Carl M. Brown  
COUNTY CLERK & RECORDER  
By [Signature]  
DEPUTY  
Fee \$ 2.00

File No. ....

DUPLICATE

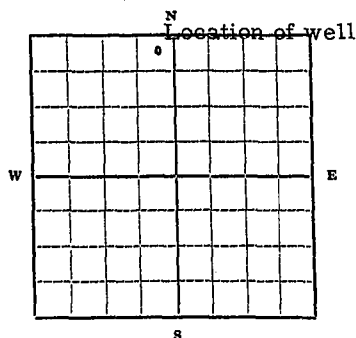
T 3 S. R 5 E.

County Gallatin



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

1. W. Kenneth Kraft of Route #2 - 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:



NE corner of Lot No. 3  
NW 1/4 Sec. 1 T3S R. 5E  
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 Domestic, stock and irrigation.
- Date or approximate date of earliest beneficial use; and how continuous the use has been June 15, 1900 - continuous daily since then except irrigation, which is between April 15 and November 1.
- The amount of groundwater claimed (in miner's inches or gallons per minute) 170 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 Garden plot, consisting of approximately 2 acres in NE corner of Lot No. 3 of Sec. 1, Township 3 South, Range 5 East.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump, 1 h.p.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commencement - May 1, 1900; Completion - June 15, 1900.
- The depth of water table 20 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 Depth of well - 45 feet; tile casing, 6 in. Hand dug, tiled 40 feet down, centrifugal - jet.
- The estimated amount of groundwater withdrawn each year 500,000 gallons
- The log of formations encountered in the drilling of each well if available Rock and gravel after first 5 feet.
- 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 *W. Kenneth Kraft*

Date December 28, 1961

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

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

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

1248

State of Montana }  
County of Gallatin } ss.

Filed **January 5,** 1962

at **4:30** o'clock **P.**M.

**EARL WALTON**

COUNTY CLERK & RECORDER

By *Ida J. Morrow*

Fee \$ **2.00** DEPUTY



GW 2

STATE WATER CONSERVATION BOARD Stock Form—State Publishing Co., Helena, Montana—423.

File No. ....

MAY 26 1966

T. 3 S. R. 5 E.

DUPLICATE

Billie \_\_\_\_\_ McDermott \_\_\_\_\_  
 Butzerin \_\_\_\_\_ McNulty \_\_\_\_\_  
 Coyle \_\_\_\_\_ Merton \_\_\_\_\_  
 Darlington \_\_\_\_\_ Sullivan \_\_\_\_\_  
 Dickert \_\_\_\_\_

County Gallatin

LOG

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

Top Soil + Clay  
 (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 Helen McAuslan Address McLeod, MontanaDriller Donald C. Jones Address Bozeman, Montana

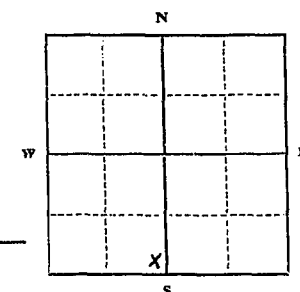
Date of Notice of appropriation of groundwater.....

Date well started May 12, 1966 Date completed May 19, 1966Type 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)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in.	6 5/8" OD 19#	3' above ground	77'	—	—	—

Static Water Level for non-flowing well 58 1/2 feet.Shut-in Pressure for Flowing Well —Pumping Water Level 77 1/2 feetat 20 gal. per minute.Discharge in gal. per min. of flowing well —How Tested PumpLength of Test 1 hr.

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

SW 1/4 Sec. 1 T. 3 S. R. 5 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.

Driller's License Number 17Driller's Signature Donald C. Jones

41093

2002

State of Montana } ss.  
County of Gallatin }  
Filed May 25, 1966  
at 3:10 o'clock P. M.  
Carl L. Stucky  
County Clerk & Recorder  
By Deputy M. C. Dwyer  
Deputy  
Fee \$ 2.00 pd.

RECEIVED 3 5 1  
FEB 22 1972  
County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

Owner Gene MEYERS

Address S. of Bozeman

Bozeman, Montana

Date well started Dec. 14, 1971

completed Dec. 21, 1971

For Administrator's Use	
File	<u>3048 26.18.1972</u>
	<u>1:30 p.m.</u>
GW 1	

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used Cable tool

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

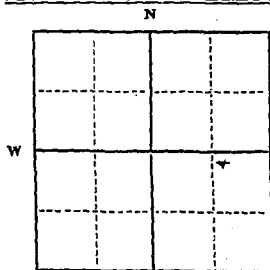
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17#	+1.	62' 8"			



In NE 1/4 Sec. 1  
T.3S. R.5E.

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

Driller's Signature Herbert A. Potts

Driller's Address Potts Drilling and Dev.

Route #1 Bozeman, Montana

LICENSE NO. 150

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	5	Topsoil
5	24	Coarse, dirty overburden
24	55	Static Water Level
24	55	Coarse, dirty sand & gravel
55	62	tight sand and gravel

63 ft. Show exact depth of bottom

49,899

3048

State of Montana | ss.  
County of Gallatin |  
Filed February 18, 1972  
at 30 o'clock P. M.  
Carl L. Stucky  
County Clerk & Recorder  
By Veta M. Whitman  
Deputy  
Fee \$ 2.00

35-5E  
County Galatin

45 \_\_\_\_\_ Show exact depth of bottom

32 32

State of Montana | ss.  
County of Gallatin  
Filed May 16, 1973  
at 12:30 o'clock P.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Elora J. Hall  
Fee \$ 2.00 72

RECEIVED

APR 1 1938

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Mr. or Mrs. John L. Reilly Address Route # 2 Bozeman

Driller Russel Claus Address Hull, Illinois

Date Started 1939 Date Completed 1939

Location: Sec. 1 T. 35 R. 5E  $\frac{1}{4}$  sec.

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

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

Casing: 72 ft. to \_\_\_\_\_ ft. Type 6" Iron Size 6"

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: \_\_\_\_\_ 52 feet.

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

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

How tested: \_\_\_\_\_

Length of test: \_\_\_\_\_

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

©

(over)

Mar 31 10:52  
1:30  
Earl Walter  
Amelia Williams



35-5E  
County.....Collatin

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 Mary Irene Uber

Address Rt. 3 Bx 21

Bozeman, Mt.

Date well started Sept. 27, 1978

completed Sept. 30, 1972

Type of well Drilled

.....  
(Dug, driven, bored or drilled)

Equipment used Churn Drill

.....  
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

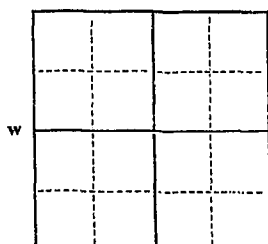
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

**\*Describe**

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8 OD x 17#	1 1/2' above ground	54'			



Static water level ..... 18 ..... ft.\*  
Pumping water level ..... 54 ..... ft.\*  
at ..... 30 ..... gallons per minute,  
measured ..... 50 ..... minutes after pumping  
began.

\*Measured from ground level.

Well developed by ..... 100% .....  
for ..... 12 ..... hours.

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

Remarks: (Gravel packing, cementing,

Lot 1, Blk. 2, Mountain Shadow  
Estates

T.  $3\frac{1}{4}$  x N R.  $5\frac{1}{4}$  Sec. 1

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

Driller's Signature

Driller's Address 2193 Bridger Drive

Lowman, Ontario

LICENSE NO. 25

### Top of Ground

(Elev. above sea level)

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.

**DRILLER'S LOG**

54. Show exact depth of bottom

53,214

3233

State of Montana } ss.  
County of Gallatin }

Filed May 17, 19 73

at 4:30 o'clock P. M.  
Carl L. Stucky

County Clerk & Recorder

By Arta M. Whitman  
Deputy

Fee \$ 2.00 pd

RECEIVED  
MAY 17 1973  
CLERK OF DISTRICT COURT  
GALLATIN COUNTY, MONTANA

File No. ....

T. 3 S. R. 5 E.

DUPLICATE

County Gallatin

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)

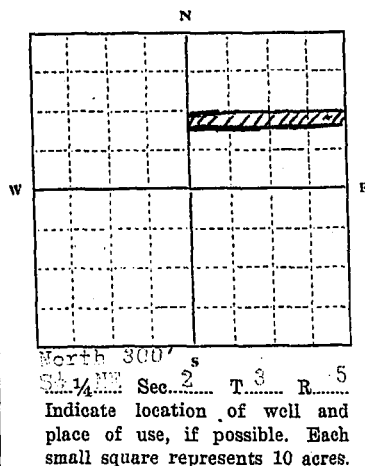
Owner Doris E. AmunrudAddress Bozeman, MontanaDriller Van Dyken Drilling Co. Address Bozeman, MontanaDate of Notice of Appropriation of Groundwater NoneDate well started Oct. 3, 1962 Date Completed Oct. 6, 1962

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17 lb.	0	55	None		



Show exact depth of bottom.

Static Water Level for non-flowing Well 20 feet.Shut-in Pressure for Flowing Well NonePumping Water Level 48 feet at 12 gal. per minute.Discharge in gal. per min. of flowing well None

Bailer  
How Tested 1 hr. Length of Test 1 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).....

Home use and cattle

License No. 1

Driller's License Number

Driller's Signature

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

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

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

3085

Gallatin County,  
State of Montana 1889

Filed Dec. 31 62

of 237 o'clock P M.

Carl Walton

COUNTY CLERK & RECORDER

By Postmer DEPUTY

Filed 209

GV

File No. ....

T. 34 R. 5E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

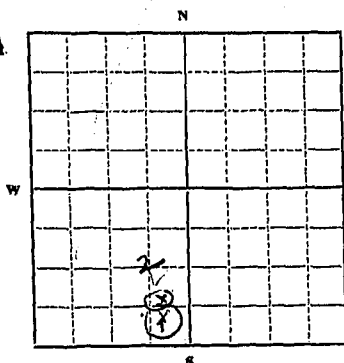
RECEIVED  
DEC 12 1963

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Merritt Kraft, of Route 9 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:



S10. 34 Sec. 2 T. 3 R. 5

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1943  
about 1940

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.0 gal well #1  
20 gal well #2

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump  
well #2, Electric Pump  
well #1, Hand Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1943 (well #1) 50 years for well #2

8. The depth of water table well #1 15 ft to 20 ft (well #2 72' deep)

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 10 ft depth #1  
72 ft #2

10. The estimated amount of groundwater withdrawn each year. (well #1) 2,000 Barrels (well #2) 800 gal per day

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

Date Dec 9 - 63

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

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

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

8662

854

State of Montana )  
County of Gallatin ) ss.

Filed June 11, 1963

at 3:15 o'clock P.M.

Paul W. Miller  
COUNTY CLERK & RECORDER

By \_\_\_\_\_

Fee \$ 2.01 DEPUTY,

File No. ....

T. 3 S. R. 5 E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

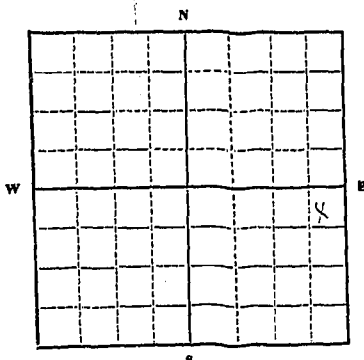
RECEIVED  
DEC 12 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Walter C. Kraft, of 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:



S. E. 1/4 of Sec. 2 T. 3. R. 5 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 & Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1912 every day
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3.6 Mgal 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1915
8. The depth of water table 5 to 20 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Dug 72 ft Deep Cased with Caschade
10. The estimated amount of groundwater withdrawn each year 4 thousand Barrels
11. The log of formations encountered in the drilling of each well if available 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 Walter C. Kraft

Date Dec 9 1963

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

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

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

8663

853-

State of Montana }  
County of Gallatin }

Filed December 14 1963  
at 3:20 o'clock MP.

EARL WALTON

COUNTY CLERK & RECORDER

By Ida L. Morrow

Fee \$ 2.00 <sup>DEPUTY</sup> Pd.



File No. STATE WATER CONSERVATION BOARD

T. 35 R. 5E 2  
County Gallatin

DUPLICATE

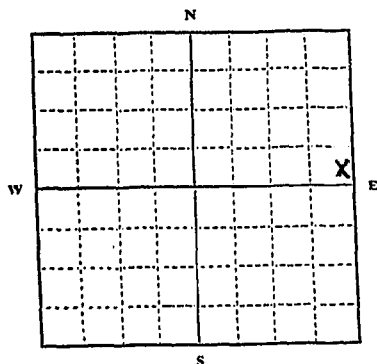
DEC 15 1966

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

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John R. Osmun of RT 2 Box 51 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:



NE 1/4 NE Sec. 2 T. 35 S. R. 5 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. Household & lawn sprinkling
- Date or approximate date of earliest beneficial use; and how continuous the use has been. May 1, 1961  
Used continuously ever since
- The amount of groundwater claimed (in miner's inches or gallons per minute). 2.5 gal per min
- 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 1 A. only
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Jet Pump - S.W. corner house
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Apr 21, 1961 May 1, 1961
- The depth of water table. 20 ft
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 6" drill hole depth 68 ft
- The estimated amount of groundwater withdrawn each year. 250,000 gal
- The log of formations encountered in the drilling of each well if available. 1-30 gravel 30-31 sand  
31-37 gravel 37-42 light sand 42-44 sand 44-50 light sand  
50-51 gravel 51-52 light sand 52-57 gravel 57-60 light sand  
60-68 sand & gravel
- 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. Deeds Milton E. Jones Deeds #17

Signature of Owner John R. Osmun  
Date July 13, 1966

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.

44441

# 2061

State of Montana } ss.  
County of Gallatin }  
Filed December 8, 1966  
at 11:45 o'clock 9 M.  
Carl L. Stucky  
County Clerk & Recorder  
By Timothy A. Chapin  
Deputy  
Fee \$ 2.00

File No. ....

RECEIVED

T. 38 R. 5E 2

DUPLICATE

JUL 28 1967

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground  
Top Soil & Clay  
(Elev. above sea level.....)

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner David E. & Mary L. SIEMERT Address Route 2, Bozeman, Mont.

Driller Donald C. Jones Address Bozeman, Mont.

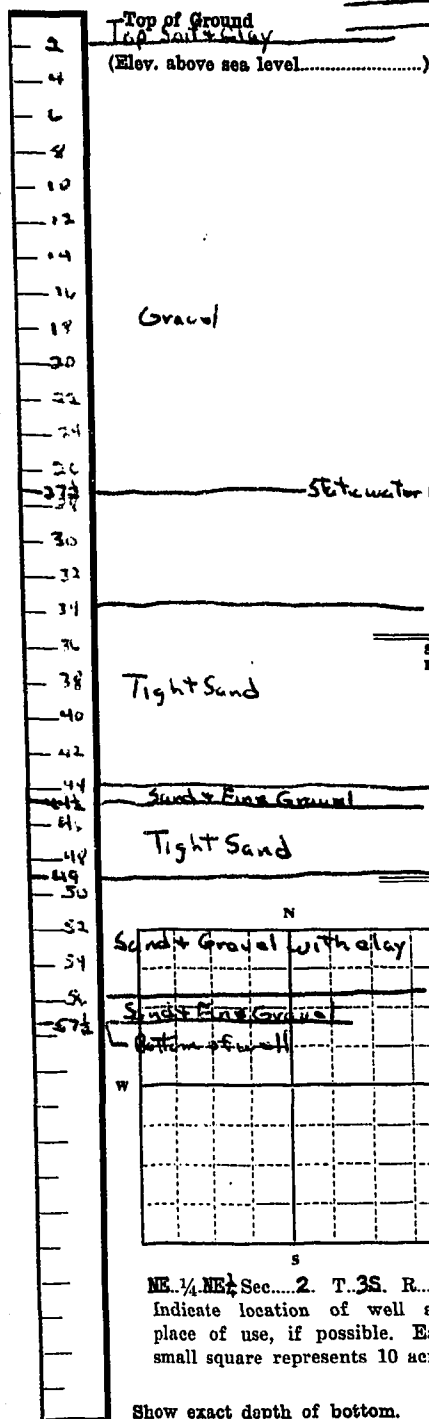
Date of Notice of Appropriation of Groundwater.....

Date well started May 26, 1967 Date Completed June 2, 1967

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

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

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in.	6 1/8" 00 19 #	2' above Ground	57 1/2	—	—	—

Static Water Level for non-flowing Well 27.5 feet.

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

Pumping Water Level 57.5 feet at 14 gal. per minute.

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

How Tested Pump Length of Test 45 min.

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

NE 1/4 NE 1/4 Sec. 2 T. 3S. R. 5E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number 17

Driller's Signature Donald C. Jones

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.

42,176

RECEIVED

# 2107

State of Montana } ss.  
County of Gallatin }

Filed July 25, 1967  
at 4:01 o'clock P.M.

Carl L. Stucky

County Clerk & Recorder

By James A. Maffey  
Deputy

Fee \$ \_\_\_\_\_

G

File No. ....

T. 3<sup>d</sup> R. 5<sup>E</sup>

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

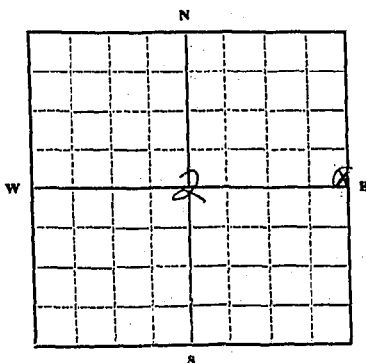
RECEIVED  
DEC 26 1963

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **ODVAR N. WOLD** of **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:



NE 1/4 Sec. 2 T. 3S. 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. For irrigation of 3.8 acres of land and household use.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Apparently for twenty or thirty years according to appearance of plumbing.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 3.8 acres in the southeast corner of the north-east Quarter of Section 2 Township 3 South of Range 5 East M.P.M.
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. Apparently about 25 years ago.
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. the well is about 80 feet deep
10. The estimated amount of groundwater withdrawn each year. 300,000 gallons
11. The log of formations encountered in the drilling of each well if available. not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner

*Odvar N. Wold*

Date December 20, 1963

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

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

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

12088

967

FILED  
AUG 5 1963  
CLERK

State of Montana }  
County of Gallatin } ss.  
Filed Aug. 23, 1963  
at 8:27 o'clock A.M.  
[Signature]  
COUNTY CLERK & RECORDER  
By [Signature]  
DEPUTY  
Fee \$ 2.50

Form No. 18  
8-60

T. 3S R. 5E  
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 4 1962

Water Well Log

STATE ENGINEER


Owner George Dusenberry Address Route 2 Bozeman

Driller un known Address \_\_\_\_\_

Date Started Before 1900 Date Completed Before 1900

Location: Sec. 3 T. 3S R. 5E  $\frac{1}{4}$  sec. NE  $\frac{1}{4}$

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

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

Casing: 35 ft. to 4 ft. Type Iron Size 4"

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: 25 feet.

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

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

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

(over)

## Log of Well

[illegible]

# 507



Form No. 18  
8-60

T. 35 R. 5E  
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 4 1962

Water Well Log

STATE ENGINEER


Owner George Dusenberry Address Route 2 Bozeman  
Driller unknown Address unknown  
Date Started 1906 Date Completed 1906  
Location: Sec. 3 T. 35 R. 5E  $\frac{1}{4}$  sec. SE  $\frac{1}{4}$

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

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

Casing: 40 ft. to 0 ft. Type iron Size 4"

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: 30 feet.

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

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

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

(over)

## Log of Well

[illegible]

# 308

File No. ....

T. 3S R. 5E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964  
STATE ENGINEER

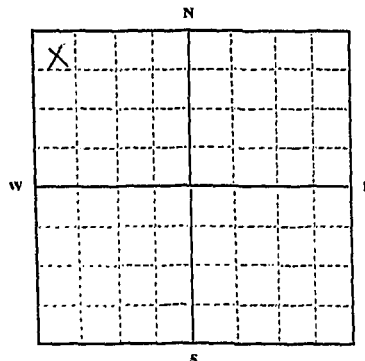
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Yvonne Ellen Lewis et al

1. c/o Lucien L. Benape, of Route 2, Bozeman, 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:



1/4 W Sec. 3 T. 3S 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 Pasture

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1870 to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 320 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  
316.57 acres. Yvonne Ellen Lewis W<sub>1/2</sub> less road of Sec. 3, Twp. 3S, R. 5 East

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No irrigation well to date - only domestic well

8. The depth of water table 4 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 None - only domestic well

10. The estimated amount of groundwater withdrawn each year sub-irrigates

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 Yvonne Ellen Lewis  
by: Lucien L. Benape  
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.

35732

1418

State of Montana }  
County of Gallatin } ss.  
Filed Dec 30 1953  
at 3:51 o'clock P.M.  
Earl Walton  
COUNTY CLERK & RECORDER  
By Theresa Fiddis  
DEPUTY  
Fee \$ 2.00

File No. ....

T. 35 R. 5 E

DUPLICATE

County Gallatin

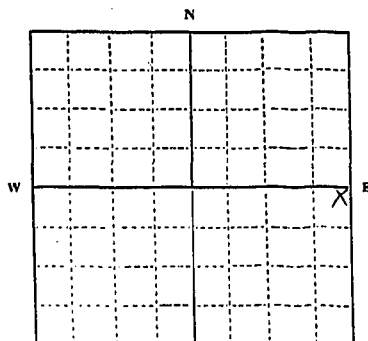
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bert Dusenberry Jr., of Route # 2, 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:



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 and Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Drilled in 1934 & has been used ever since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gallon per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1934
8. The depth of water table 30 FT
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 in casing 45 ft deep
10. The estimated amount of groundwater withdrawn each year 1,000,000
11. The log of formations encountered in the drilling of each well if available  
Not Available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Bert Dusenberry Jr.Date Dec 22, 1963

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

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

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

14637

#1072

State of Montana }  
County of Gallatin } ss.

Filed December 27, 1963

at 10:45 o'clock A M.

EARL WALTON

COUNTY CLERK & RECORDER  
By Lucille D. Mayfield

Fee \$2.00 pd DEPUTY

File No. ....

DUPLICATE

T. 25 R. 5E  
Gulf Park  
COUNTYSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER  
APR 13 1964

Top of Ground

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

0-5 pit  
5-20 Rock  
20-35 Rock  
35-40 Clay Rock  
40-53 " "  
53-56 Sand gravel &  
water cone  
58 ft bottom of well

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Bert L. Duaneberry Jr. Address Rt 2 Bozeman  
Driller Harold Hulbert Address Bozeman

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

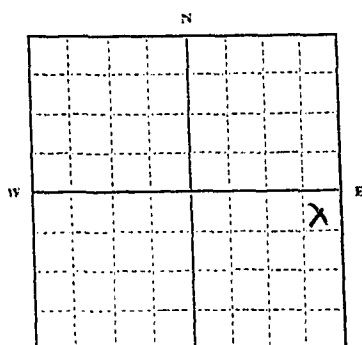
Date well started Mar 12 1964 Date Completed Mar 21 1964

Type of well Drilled Equipment Used Churn  
(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.

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. 17.2 lbs	0'	62'	none		



SE 1/4 Sec 4 RS R5-3  
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. 27 feet.

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

Pumping Water Level. 30' feet at 21 gal. per minute.

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

How Tested Boils Length of Test 2 hrs

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

none

Driller's License Number 47

Harold B. Hulbert  
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.

35566

1044

State of Montana } ss.  
County of Gallatin }  
Filed April 10, 1904  
at 1:45 o'clock P. M.  
Carl Wallen  
COUNTY CLERK & RECORDER  
By [Signature] DEPUTY  
Fee \$ 17.75



35-5E  
County Gallatin-2

JUL 9 1971

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner <u>Bert L. Dusenberry</u>	For Administrator's Use
Address <u>Bent #3 Box 170</u>	File <u>3376</u>
<u>Bay, Mont</u>	<u>7-6-73</u>
Date well started <u>June 1 1973</u>	GW 1 <u>8:35 A.M.</u>
complete <u>June 30 1973</u>	

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

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

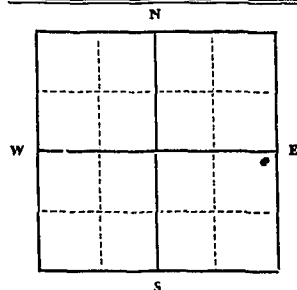
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe .....

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

## ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6 5/8 OD	1 above	58	NONE		



Static water level 18.....ft.\*  
Pumping water level 37.....ft.\*  
at 10.....gallons per minute,  
measured 30 minutes after pumping  
began.

\*Measured from ground level.

Well developed by bailer & pump  
for 1 1/2 pump hours. 2 bailer

Power...115...volts...1/2... HP

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

NE  $\frac{1}{4}$  SE  $\frac{1}{4}$  Sec. 4  
T. 3 S. N. R. 5 E. E  
S W

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

Driller's Signature Donald B. Hulbert

Driller's Address Route one Bozeman, 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	3	soil
3	10	water & rock
10	15	rock & clay
15	20	rock water & sand
20	30	rock & clay
30	36	rock & clay
36	40	clay & gravel
40	45	clay & rock small gravel
45	50	rock & sand
50	55	water gravel & lots of sand
55	60	water and gravel

60 ft Show exact depth of bottom

5 5864

3378

State of Montana ss.  
County of Gallatin

Filed July 6, 1973

at 8:30 o'clock P.M.

Carl L. Stucka  
County Clerk & Recorder

By Aeta M. Whitman  
Deputy

Fee \$ 2.00 pd

T. 38 R. 5E  
County Gallatin

## Water Well Log

Sec 4

Owner Carl E. Johnson Address RT 2 - Bozeman  
Driller White Address Marbleton  
Date Started Sept 1916 Date Completed 1916  
Location: Sec. 4 T. 38 R. 5E  $\frac{1}{4}$  sec. NE 1/4

Type of well Drilled Equipment used 1/2 H.P. Airbanks Morse  
( dug, driven, or drilled ) ( Churn, drill, rotary, other )

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

Casing: 4 in. ft. to 34 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: 10 feet.

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

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

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

(over)

## Log of Well

[illegible]

#377

File No. ....

DUPLICATE

T. 35 R. 5E

County .....

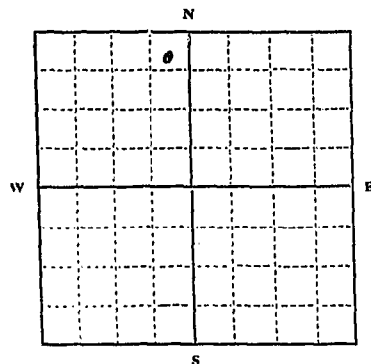
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964  
STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John B. Monforton, of Route # 2 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:



N/4 Sec. 4 T. 35 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  
Stockwater, Irrigation, Lawn and Garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1945 Daily
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. n/w 1/4 Sec 4 1 acre
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 8/1/1945 8/3/1945
8. The depth of water table. 4 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. 8 inch steel casing 40 feet deep
10. The estimated amount of groundwater withdrawn each year. 365,000
11. The log of formations encountered in the drilling of each well if available. not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

John B. Monforton  
Date 12/30/63

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

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

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

36054

#1740

State of Montana { ss.  
County of Gallatin }

Filed Dec. 31, 1963

at 3:47 o'clock PM.

EARL WALTON

COUNTY CLERK & RECORDER

By

Al Maples

DEPUTY

Fee \$ 2.00

GW 2

STATE WATER CONSERVATION BOARD - State Publishing Co., Helena, Montana - 4232.

File No. ....

APR 7 1966

T. 35 R. 5 E 6 N

DUPLICATE

LOG

Bille \_\_\_\_\_ McDermott \_\_\_\_\_  
 Butzerin \_\_\_\_\_ McNulty \_\_\_\_\_  
 Coyle \_\_\_\_\_ Morton \_\_\_\_\_  
 Darlington \_\_\_\_\_  
 Dickert \_\_\_\_\_

County Gallatin  
 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 El Endus Address Bozeman MontDriller Potts Drilling Address Bozeman Mont

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

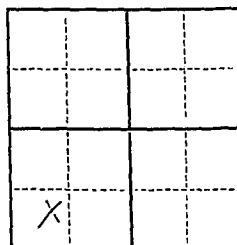
Date well started Nov 28-65 Date completed Dec 3-65

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" TD	0	114			
	19.8 LB					



Static Water Level for non-flowing well

103 feet

Shut-in Pressure for Flowing Well

Pumping Water Level 130 feet

at 8 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BailerLength of Test 2 hrs

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

Sec. 5 T. 35 R. 5 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.

140

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

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

Driller's License Number

150  
Herbert A. Potts  
 Driller's Signature

40952

62-10747-2

12

745

12.23

21	1	7
12	4	5
1	2	7
2	2	2

24  
11  
12  
6

24	2
1	1
24	2
24	2

24  
24  
24

9-11-72

114

24/10/12  
D-6

6-6

State of Montana } ss.  
County of Gallatin }

Filed April 6, 1966  
at 3:30 o'clock P.M.  
C. L. R.

at \_\_\_\_\_ o'clock  
Carl L. Stucky  
County Clerk & Recorder

By James B. Maxwell

Fee \$ 7.00 pd.



File No. ....

T. 35 R. 5 E.

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

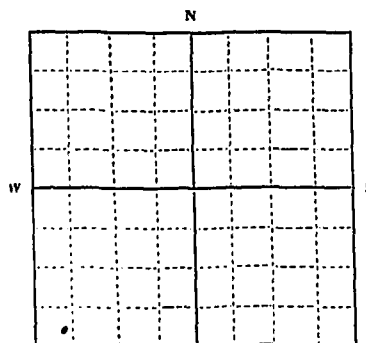
RECEIVED  
JAN 16 1964  
STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Edward Harry Enders and  
1. Ruby Elizabeth Enders, of Gallatin County, 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:



SW 1/4 SW 1/4

1/4 Sec. 5 T. 35, R. 5 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,  
household, irrigation and stock watering
3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been 1916, used continuously since  
that time
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 200 gallons per minute
5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
Approximately 1 acre of garden and lawn adjacent  
to house on SW 1/4 of SW 1/4 of said Section 5  
owned by appropriators.
6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal a drilled well  
with 6-inch steel casing located approximately  
20 feet from house.
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater Well completed and dug in year 1916.
8. The depth of water table 240 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 a drilled well with 6-inch steel casing, pumped  
by electrical pump.
10. The estimated amount of groundwater withdrawn each year 3 million gallons
11. The log of formations encountered in the drilling of each well if available No log available, however  
bedrock reached at 300 feet and drilled through water table then arose to 240  
feet through bedrock.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record.

Signature of Owner.

Edward Harry Enders  
Ruby Elizabeth Enders

Date December 31, 1963.

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

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

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

36106

1792

State of Montana )  
County of Gallatin ) ss.  
Filed Dec 31 1963.  
at 11:38 o'clock A.M.  
Carl Hutton  
COUNTY CLERK & RECORDER  
By A  
Fee \$ 225 DEPUTY

File No. ....

T. 38 R. 58

DUPLICATE

County. Gallatin

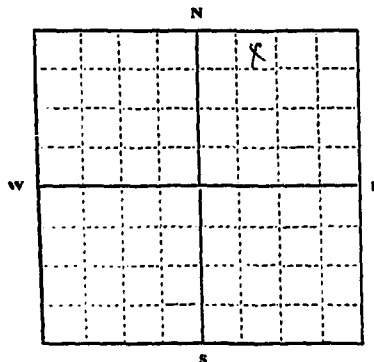
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 16 1964  
STATE ENGINEER

1. Jane Sunderland, of Bosman, 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:



1/4 Sec. 5 T38 R. 58

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 Pasture

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1870 to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 320 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  
374.90 acres. Jane Sunderland E<sub>1</sub> and 5/4A. NW<sub>1</sub>  
E. of Ditch of Sec. 5, Twp. 38, R. 5 East.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No irrigation well to date - only domestic well

8. The depth of water table 4 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 None - only domestic well

10. The estimated amount of groundwater withdrawn each year Sub-irrigates

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

Jane Sunderland  
Signature of Owner Chas. Vandenberg, Jr.  
by: Chas. Vandenberg, Jr. Agent  
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.

35726

1414

State of Montana  
County of Gallatin ss.  
Filed Dec. 30 1903  
at 3:47 P M.  
Carl M. Sullivan  
County Clerk  
By Thelma Fiddle  
200  
Fee \$