

File No.

DUPLICATE

RECEIVED

T. 13N R. 18W 27

STATE ENGINEER
STATE OF MONTANA

County Missoula

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

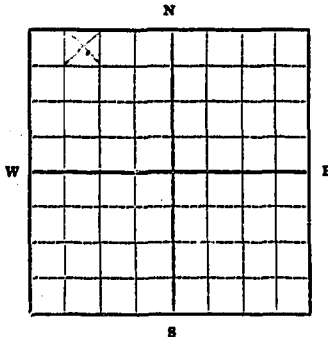
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Mrs Ellen J Evans of P.O. Box 561 Bonner
(Name of Appropriator) (Address) (Town)

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



N.E. 1/4 Sec 27 T13N R18W

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

LAPPOINT ADDITION LOT 16

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 26 1942 and used continuously

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof La Point Addition Lots 1 & 16

Mrs Ellen J Evans

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

La Point Addition Lot 16

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 21 1942, April 26 1942

8. The depth of water table From surface of ground 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 10 1/2" dia. pipe 50 ft. thread & Coupling 4 in. casing 5 ft. long

10. The estimated amount of groundwater withdrawn each year 1947 300 gallons

11. The log of formations encountered in the drilling of each well if available natural gravel formation 10 ft. Shale 20 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 Section 151 page 137
Book 129 page 103 (Clarke Records Office)

Signature of Owner Mrs Ellen J Evans

Date Feb 23 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.

1547

190018

#109

I received and filed this instrument for
 record on the 23rd day of Feb, 1922
 at 11:00 o'clock A.M., permanent files
 of Mitocula County, State of Montana
 Witness my hand:
MARTIN S. BENNER, County Recorder
 By Deputy Deputy
 For \$ 2.00 Paid

DIRECTOR

RECORDED

INDEXED

Information on this state is being collected for the purpose of preparing a report on the condition of the state for the year 1922. The information should be furnished to the State Department of Statistics, Helena, Montana.

Missoula County

Office of the

Clerk and Recorder

Martin S. Behner
Clerk and Recorder

JACK HENNESSY
CHIEF DEPUTY



PHONE LI 2-2023

COUNTY COURT HOUSE

MISSOULA, MONTANA

March 2, 1962

RECEIVED
MAR 5 1962

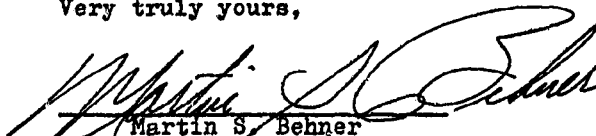
STATE ENGINEER

Mr. Fred E. Buck
State Engineer
Sam W. Mitchell Bldg.
Helena, Montana

Dear Sir:

We are returning Declaration of Vested Ground-water Rights properly signed by Mrs. Ellen I. Evans as requested in your letter of February 28, 1962.

Very truly yours,


Martin S. Behner
County Clerk and Recorder

MSB:vrc
Enc.

GV

File No.

DUPLICATE

T. J. N. R. 18 W
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 19 1962

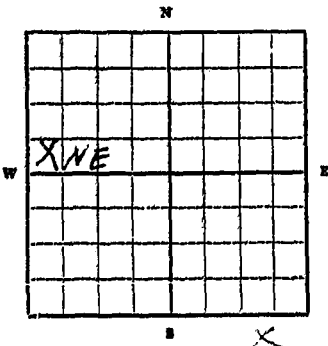
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Lee Fleming of Box 182 Milltown, Montana
(Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec 27 T. 13 R. 18

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. Lots 3-4-5- Blk 6 Peterson Add.

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

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

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 Lots 3-4-5 Blk 6 Peterson Add.

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 April 7th 1943 April 14, 1943

8. The depth of water table 38 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Drilled--- type
4" pipe--- size
68' feet--- depth

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

11. The log of formations encountered in the drilling of each well if available 68' casing
0 to 5' top soil, sand & gravel / 5' to 30' sand, clay, some large gravel / 30' to 63' clay, fine sand, gravel, trace of water / 63' to 68' gravel, sand, and good water. Strata. Water raises 38' in casing; 10 gals per minute.

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

Russell
Driller Russell Mowbray. Driller's Registration No. 152

Signature of Owner x Lee Fleming

Date 11-15-62

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

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

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

213

299612

I received and filed this instrument for
 record on the 24 day of Dec, 1962
 at 7:51 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
MARTIN S. BEHNER, County Recorder
 By John Bell Deputy
 F.S. 2.00 Paid

MISSOULA COUNTY RECORDS
 MISSOULA, MONTANA
 DECEMBER 24, 1962
 299612

4-Hrlez a Independent Record
File No.
DUPLICATE

T 13^N R 18^E 27
County

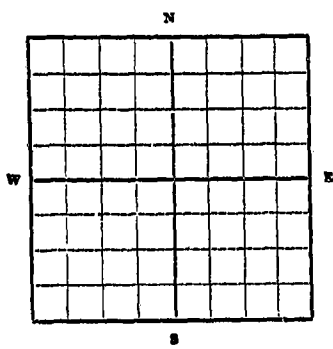
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1962)

1. John P. Geary and Blanche Mabel Geary of Bodmer
(Name of Appropriator) (Address) (Town)

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



NE 1/4, SE 1/4, Sec. 27, T. 13N, R. 18 W
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based Household use and irrigation.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been June, 1940 - Continuous since that date.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gallons per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof A lot 150 ft. by 130 ft. which is Lot 6 of the Paul G. Teague Plat.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By well with a 38" casing. Well located under the house on the land described.
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started in May, 1940 and completed in June, 1940.
- 8. The depth of water table 25 feet below surface.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well with 16" casing and electric pump.
- 10. The estimated amount of groundwater withdrawn each year 4,500,000 gallons.
- 11. The log of formations encountered in the drilling of each well if available None available.
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record For a more particular description of the land involved see Deed recorded in Book 169 of Deeds, page 5, Records of Missoula County. The well is located in said Lot 6.

Signature of Owner John P Geary
Blanche Mabel Geary
Date December 19, 1963

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

15140

538

214840

I received and filed this instrument for
 record on the 24th day of June 1967
 at 9:45 o'clock A.M. payment filed
 of Blaine County, State of Montana
 Witness my hand
Martin S. Bennett County Recorder
 By Mark A. Tolson Deputy
 Fee \$ 2.00 Paid

RECORDED
 INDEXED
 JUN 27 1967
 COUNTY CLERK
 BLAINE COUNTY, MONTANA

RECEIVED

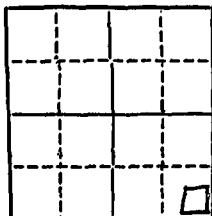
AUG 22 1957

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 13N R. 18W 27
County Missoula

WATER WELL LOG



Owner Chas E Gell Address Milltown Mont
Driller Wm Osborne Address Missoula
Date Started June 15-1957 Date Completed June 22-1957
Location: Sec. 27 T. 13N R. 18W 1/4 sec. SE 1/4 SE 1/4

Type of well Drilled Equipment used 71 speed speed drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

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

Casing: 6 in ft. to top to bottom ft. Type Welded joint Size 1 1/2 in

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 None

Static Water level, for non-flowing well: 30 ft feet.

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

Pumping water level 30 ft feet at _____ gal. per min.

How tested: Never tested

Length of test _____

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

None used

(over)

File No. _____

T. 13N R. 18W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963

Declaration of Vested Groundwater Rights

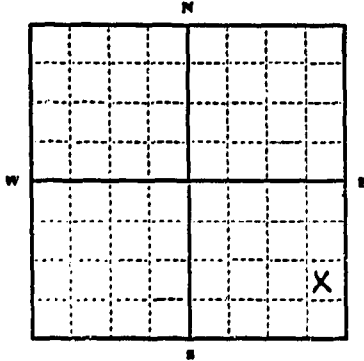
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

(C. C. Day) Clarence C. Day of Milltown Mont
(Name of Appropriator) (Address) (Town)

County of Missoula State of Montana

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



SE 1/4 Sec. 27 T. 13N R. 18W

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 + stock water

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 150 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
3 acres, 27 Township 13N Range 18W in Missoula County, owned by C. C. Day + Catharine Day

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started + completed July - 1959

8. The depth of water table 27 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled, 5 in. casing, 70 ft depth

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

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

20380

1261

Copy

I received this document for
 record at St. P. Dec. 11 1953
 at St. P. permanent files
 of Missoula County, State of Montana
 Witness my hand:
 By Martin L. Schaefer County Recorder
Deputy Paid

RECORDED
 1953 DEC 11

DEPARTMENT OF AGRICULTURE

OFFICE OF SILVER PRODUCTION
 ADMINISTRATION OF GOVERNMENT PROPERTY
 BUTTE, MONTANA

RECEIVED

RECEIVED
 JUN 1 1959
 STATE ENGINEER

T. 13N R. 16W 21
 County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
 Butte, Montana

WATER WELL LOG

			X

Owner Clarence C & Catherine Hayden Address Fitzville
 Driller John Farrell Address Orion
 Date Started July 19 - 1959 Date Completed July 3 - 1959
 Location: Sec. 27 T. 13 R. 18 1/4 sec. 2, E

Type of well _____ Equipment used _____
(Dug, driven, bored, or cased) (Carn drill, rotary, other)

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

Casing: 0 ft. to 6 pit ft. Type Steel Size 3"
 Casing: 6 ft. to 77 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: _____

Pumping water level: 50 feet at July 3 (date) 1959 gal. per min. 15

How tested: Boiler

Length of test: 1 Hr.

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



(over)

File No.

T 13N R 18W 27

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 24 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

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

10

20 0'-20' rocks and gravel

30 20'-29' gravel & sand (water)

40

50 29'-47' sand & clay

60

62 47'-62' gravel & sand water

Owner Barney Hegdal Address Bonner, Montana

Driller O'Keefe Drilling Co. Address Butte, Montana

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

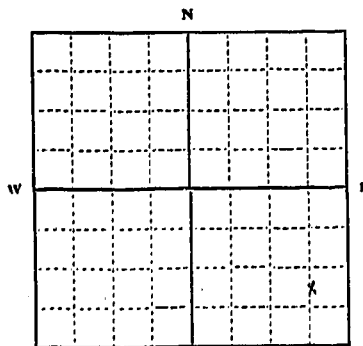
Date well started June 3, 1964 Date Completed June 5, 1964

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"	6" 19#	0'	62'	cutting torch	57'	62'



Static Water Level for non-flowing Well..... 23..... feet.

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

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

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

How Tested bailer..... Length of Test 1 1/2 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).....

SE 1/4 SE Sec. 27 T13N R. 18W

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

SW 1/4 Lot 4 Butte Acres No 1

Show exact depth of bottom. 62'

Driller's License Number

Edward O'Keefe
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.

38483

1446

226648

I received and filed this Instrument for
 record on the 21 day of Sept. 1964
 at 9:00 o'clock A.M., permanent files
 of Miscoult County, State of Montana
 Witness my hand:
Vergas R. Crouse, County Recorder
 By June Beckwith, Deputy
 Fee \$ 2.00 Paid

THIS INSTRUMENT WAS FILED FOR RECORD IN THE OFFICE OF THE COUNTY RECORDER, MISCOUT COUNTY, MONTANA, ON THE 21ST DAY OF SEPTEMBER, 1964, AT 9:00 A.M. THE FEE THEREON WAS PAID IN FULL.

File No.

DUPLICATE

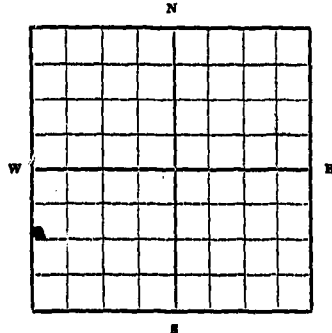
T 13^N R 18^W -27
County MISS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
DEC 23 1963
STATE ENGINEER

1. CLIFFORD O. OR RUTH E. HINTZ, of BONNER, BOX 605 (Town)
(Name of Appropriator) (Address)
County of MISSOULA State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 1/4 Sec. 27 Twp. 13^N R. 18^W M.P.M.
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
HOUSEHOLD AND IRRIGATION

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
AUG. 1935 continuous

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

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 1/4 ACRE
N.E. 1/4 Sec. 27 TWP 13^N R. 18^W M.P.M.

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

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

8. The depth of water table
12 feet to water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
16 ft. deep 18" casing 4ft water

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

11. The log of formations encountered in the drilling of each well if available
hand dug through 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 Clifford O. or Ruth E. Hintz
Date 12-18-63

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

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

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

11619

427

214584

Copy
I received and filed this instrument for
record on the *29* day of *Dec* 1965
at *10:15* o'clock *A.M.*, permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By *Martin S. Behner* Deputy
Fee \$ *2.00* Paid

File No.

T. 13^N R. 18^W
County RECEIVED
NOV 16 1962

DUPLICATE

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

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

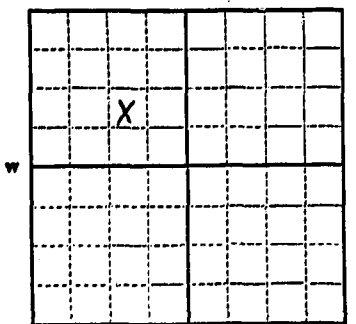
Top of Ground
(Elev. above sea level.....)
0 to 6' Pit
6' to 21' Clay & gravel
21' to 40' Sand, gravel
and water
40' to 50'-10" Gravel
sand & water

Owner Anton Iversen Address Piltaville, Mont
Driller Glenn Camp 705 Alder Address Missoula
Date of Notice of Appropriation of Groundwater.....
Date well started 8/15/62 Date Completed 8/14/62
Type of well Drilled Equipment Used Churn Drill
(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 (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
5"	5" I.D. 14 lbs seamless	1'-1" above pit floor	to 45'-11"	none		

NW 1/4 SE 1/4 NW 1/4



E 1/2 NW 1/4 Sec. 27 T. 13 N. R. 18 W
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 15' from G.L. feet.
Shut-in Pressure for Flowing Well.....
Pumping Water Level 20 feet at 75 gal. per minute.
Discharge in gal. per min. of flowing well.....
How Tested Compressor Length of Test 2 hours

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

License # 7
Driller's License Number
Glenn Camp
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.

#162

199543

I received and filed this instrument for
record on the 17th day of April, 1962
at 9:30 o'clock A.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By Debra Latta, Deputy
Fees 2.00 Paid

Form No. 18
8-60

27

T. 13N R. 18W
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner Carl I. Johnson Address Piltzville, Montana
Driller Glenn Camp 705 Alder Address Missoula, Montana
Date Started July 18, 1961 Date Completed July 21, 1961
Location: Lot 4 1/2 Blk B La Pointe Addn. Sec.

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 10" above pit level to 49'-10" ft. Type Seamless Size 5" I.D. 14 lbs to foot

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 30 feet at 15 gal. per min. No drawdown

How tested: Bailer

Length of test 2 hours

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

Put in exact location and file with the County Clerk & Recorder (all 3 Copies)

(over)

File No. _____

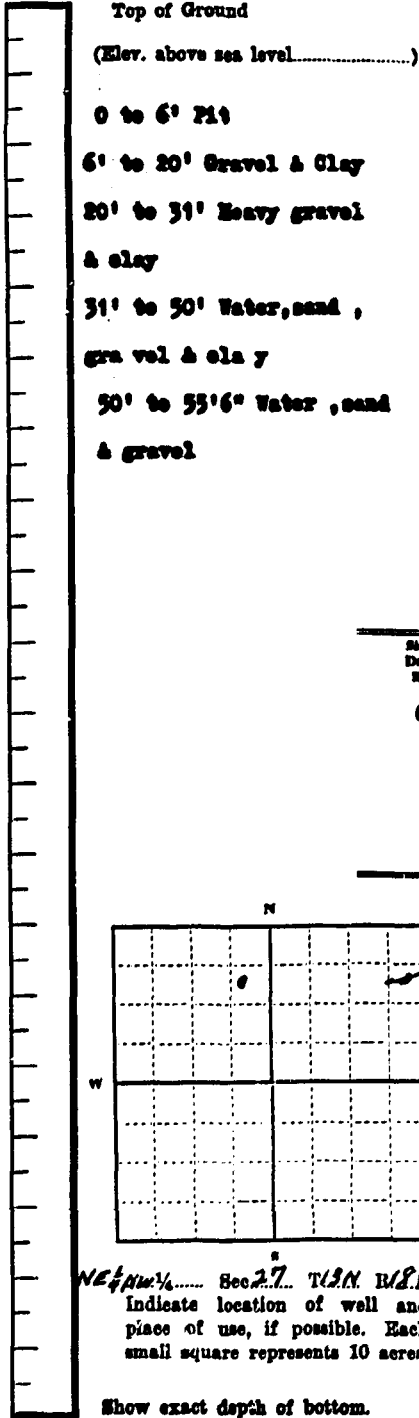
T. 13N R. 18E S. 27
County Neel

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
JUN 15 1964

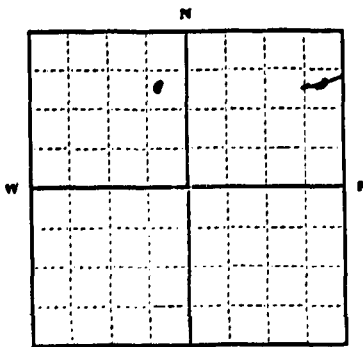
Notice of Completion of Groundwater
Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)



Owner: Carl Johnson Address: Piltzville, Mont
 Driller: Glenn Camp 705 Alder Montana
 Address: _____
 Date of Notice of Appropriation of Groundwater: _____
 Date well started: 3/30/64 Date Completed: 4/2/64
 Type of well: Drilled Equipment Used: Churn drill
 (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)
6"	6" I.D. 18.97 # to feet	0" above pit floor	to 50'-9"	None		



NE 1/4 Sec 27 T. 13N. R. 18E
Indicate location of well and piece of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well: 32' from G.L. feet.
 Shut-in Pressure for Flowing Well: _____
 Pumping Water Level: 32 feet at 20 gal. per minute.
No drawdown with bailer
 Discharge in gal. per min. of flowing well: _____
 How Tested: Compressor Length of Test: 1 1/2 hours

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) 2 1/2 Ls Leunas

None
Carl Johnson

License # 7

Driller's License Number

Glenn Camp
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 Miner and Geology and Quadruplicate for the Appropriator.

27

File No.

T. 13^NR. 18^W

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

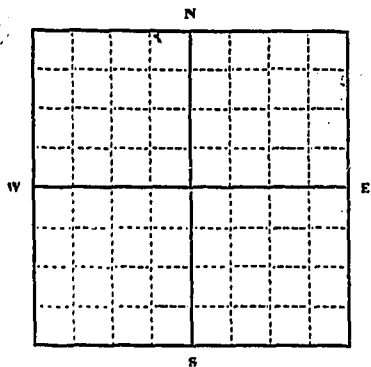
RECEIVED
JAN 3 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Erna V. (Paterson) Jorgenson, of Bonner (Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec. 27, T. 13^NR. 18^W

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. Pits Addition Block 1 lots 2 to 4

2. The beneficial use on which the claim is based Household, lawn, garden, fruit, and shade trees.

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

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric pump in basement of dwelling

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

8. The depth of water table. twenty feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. drilled, 6 in casing, 60 feet deep

10. The estimated amount of groundwater withdrawn each year. 15,768,000 gals

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

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

Signature of Owner. Erna V. Jorgenson formerly Erna V. Paterson
Date 12-31-63

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

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

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

20348

1229

RECORDED

Copy
 I received and filed this instrument for
 record on the 31st day of Dec. 1963
 at 9:48 o'clock... permanent files
 of Hill County, State of Montana
 Witness my hand:
 By *W. J. ...* County Recorder
B. ... Deputy
 Fee \$... Paid

RECORDED
 1963
 DEC 31 10 11 AM

310

212638

I received and filed this instrument for
 record on the 5 day of Nov 1963
 at 2:30 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
MARVIN S. DEHNER, County Recorder
 By Harley Head Deputy
 Fee \$ 2.00 Paid

MISSOULA COUNTY, MONTANA OFFICE OF THE COUNTY RECORDER

File No. _____

T. 13^N R. 18^W

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

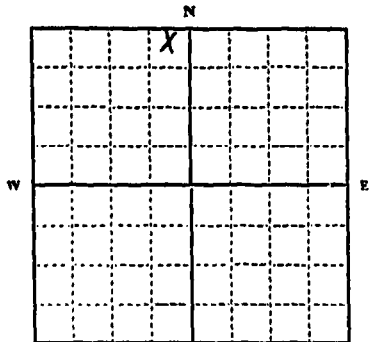
RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 27, Montana Session Laws, 1961)

STATE ENGINEER

1. HAROLD N. LARSON, of BONNER
(Name of Appropriator) (Address),
County of MISSOULA State of MONTANA (Town)
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



²⁹
N.E. 1/4 NW 1/4 Sec. 29 T. 13N R. 18W
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based domestic water

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 G.P.M.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
2 acres - Harold N. Larson
NE 1/4 NW 1/4 Sec 29 T. 13N R. 18W

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
ELECTRIC PUMP IN RESIDENCE
NE 1/4 NW 1/4 Sec 29 T. 13N R. 18W

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

8. The depth of water table 60 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
5 inch drilled 60 feet

10. The estimated amount of groundwater withdrawn each year 250,000

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

Signature of Owner Harold N. Larson

Date 12-31-63

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

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

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

17654

86d

215337

Copy

I received and filed this instrument for
record on the 31 day of Dec, 1963
at 7:36 o'clock P. M., permanent files
of Missoula County, State of Montana
Witness my hand
MARTIN S. BOWEN County Recorder
Martin S. Bowen Deputy
Fee \$ 2.00 Paid

GW

27

File No. _____

T. 13^N R. 18^W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

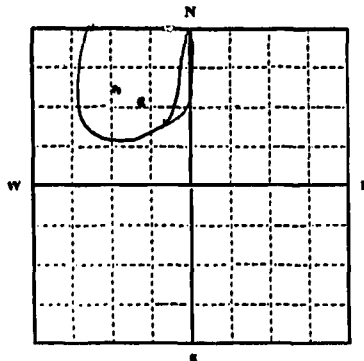
RECEIVED
JAN 3 1964

Declaration of Vested Groundwater Rights
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth Lyette of Piltzville Bonner
(Name of Appropriator) (Address) (Town)

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



in N.W. 1/4 NE 1/4 Sec. 27 T. 13 R. 18

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 yard, Garden, orchard etc.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1895 - Continuous

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

Kenneth + Virginia Lyette

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. 1895 - 1940

8. The depth of water table. Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 1 drilled well - 80 feet
1 hand dug well 20 feet surface water
for irrigation

10. The estimated amount of groundwater withdrawn each year. 25,000,000 gallons

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

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

Signature of Owner Kenneth Lyette
Date 12/31/63

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

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

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

1196

I received and filed this instrument as
record on the 21 day of Dec 1925
at 6.33 o'clock P.M., permanent files
of Miniscula County, State of Louisiana
Witness my hand
By Made S. Pickett County Recorder
Fee \$..... Paid

Miniscula County
Louisiana

27

File No.

T. 13⁴ R. 18⁷

DUPLICATE

County..... Missoula.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

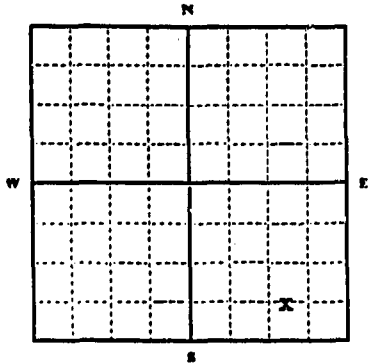
RECEIVED
JAN 3 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, A. Burton and Marie H. Lohn, of (Piltzville), Bonner, Box 432
(Name of Appropriator) (Address) (Town)

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



2. The beneficial use on which the claim is based. For household purposes, lawn and vegetable garden.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Well drilled in 1948; in continuous use since then.

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

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. Location as indicated by "x" in diagram. Owner as named above.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 1/3 H.P. Jet pump, located in basement of residence.

1/4 Sec. 27 T. 13. R. 18

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

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

8. The depth of water table. Unable to determine.

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. Shallow well, approximately 30' deep.

10. The estimated amount of groundwater withdrawn each year. Unable to determine.

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.

No further information

Signature of Owner A Burton Lohn Marie H. Lohn

Date 12-31-63

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

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

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

20049

851 215319

I received and filed this instrument for
record on the 9th day of Mar 1929
at 9:15 o'clock A.M. permanent files
of Mineral County, State of Montana
Witness my hand
M. S. BERGER, Deputy Recorder
By Max Deputy
Fee \$ 1.00 Paid

File No. _____

T 13 N R 18 W

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

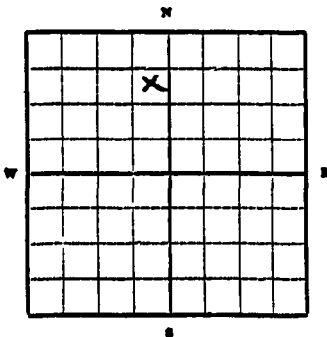
RECEIVED
NOV 7 1963

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

STATE ENGINEER

1. Roy Long (Name of Appropriator), of Milton (Address), Milton (Town)
County of Musselshell State of Montana

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



NE 1/4 NW 1/4 Sec. 27 T. 13 N R. 18 W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been not known

4. The amount of groundwater claimed (in miner's inches or gallons per minute) not known

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 irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not known

8. The depth of water table not known

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 5 in casing - jet pumps 80 ft.

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

11. The log of formations encountered in the drilling of each well if available not known

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

Signature of Owner Roy Long

Date 10-6-63

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

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

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

copy

558

212631

I received and filed this instrument for
 record on the 5 day of Dec 1963
 at 9:00 o'clock A.M. permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER, County Recorder
 By *Deborah J. Hillman* Deputy
 Fee \$ 2.00 Paid

MISSOULA COUNTY
 CLERK OF DISTRICT COURT

MISSOULA COUNTY
 CLERK OF DISTRICT COURT
 MISSOULA, MONTANA
 1963

File No. _____

T. 13 N
T. 24 R. 18 W
County msk

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

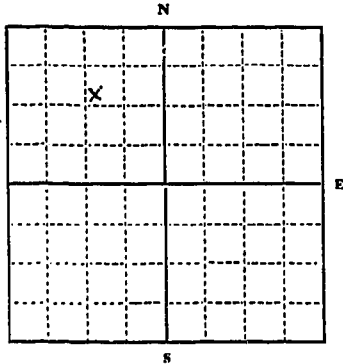
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

JOHNSON, CARL I + MABEL, of BONNER
(Name of Appropriator) (Address) (Town)
County of T. 13 N State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

APP-LOCATION
↓



NW 1/4 Sec. 27, T. 13 N. R. 18 W

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

LAPointe Add - Lot 7 & 8

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1927 Every day since it was drilled 2 houses

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 27 gal Per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof To Lot 7 & 8 which is 80 x 120 LAPointe Add. ELKA JOHNSON, CARL I + MABEL

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well # Pump Blotals water Pump on lot 7

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 4-20-27

8. The depth of water table 26' to top of water in well from top of ground

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Drilled well - 6" casing - 51 feet deep - 25 ft water in well
Seven ft deep pit with electric Pump

10. The estimated amount of groundwater withdrawn each year 7,000,000 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.

Page 175 - Book 2 - Line 13

Signature of Owner Mabel G. Johnson
Carl I. Johnson
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.

624

214981

Copy-
 I received and filed this instrument for
 record on the 17 day of Dec, 1967
 at 10:25 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER, County Recorder
 By Martin S. Behner Deputy
 Fee \$ 5.00 Paid

416

27

File No. _____

T. 13N R. 16W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

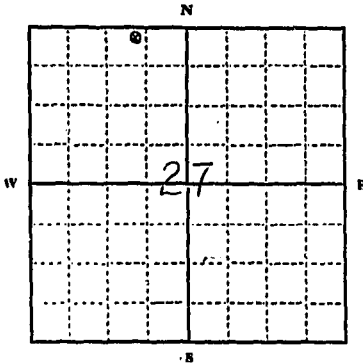
JAN 3 1964

Declaration of Vested Groundwater Rights **STATE ENGINEER**

(Under Chapter 237, Montana Session Laws, 1961)

1. Melvin M. Madsen, of P. O. Box 555 Bonner
(Name of Appropriator) (Address) (Town)

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



2. The beneficial use on which the claim is based.....
Domestic Water for three (3) homes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Continuous since 1915

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

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

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

NE 1/4 NW 1/4 Sec. 27 T. 13N R. 16W

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
About 1915

8. The depth of water table.....
45 Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
6" Casing, 60 Ft. Deep

10. The estimated amount of groundwater withdrawn each year.....
Water for three homes with lawns, about 4 million 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.....

Date.....

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

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

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

20326

1207



Copy
 I received and read this instrument for
 record on *July 1, 1963*
 at *1:00* o'clock *P.M.*, permanent files
 of *Missoula County*, State of Montana
 Witness my hand:
 By *Martha S. Behr* County Recorder
 Fee *2* Paid

0

File No.

DUPLICATE

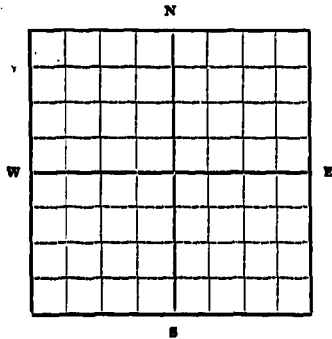
T. 13N R. 18W 27
County 1915

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

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

1. CLARENCE A. & SHIRLEY JEAN MILES, of BOX 177, BONNER
(Name of Appropriator) (Address) (Town)
County of MISSOULA State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 27 Twp. 13N R. 18W M.P.M.

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

- 2. The beneficial use on which the claim is based
HOUSEHOLD & IRRIGATION
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been1940.....continuous.....
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)32 feet.....
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof3 lots
LA POINTE LOTS 5-6-7 B
N.W. 1/4 Sec. 27 Twp. 13N R. 18W M.P.M.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
1 horse Juozzi pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwaterJULY 1940.....
- 8. The depth of water tableUNKNOWN.....
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
well depth 63 ft., 5" casing 32 FT. water
- 10. The estimated amount of groundwater withdrawn each year50,000 gal.
- 11. The log of formations encountered in the drilling of each well if availablenot 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 *Clarence A. Miles*
Shirley Jean Miles
Date *December 19 1963*

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

466

214583

I received and filed this instrument for
 record on the 22nd day of Dec 1947
 at 11:30 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
MARTIN S. BEHNER, County Recorder
 By Walter S. Johnson Deputy
 Fee 2.00 Paid

MISSOULA COUNTY, MONTANA
 DEPARTMENT OF RECORDS
 MISSOULA, MONTANA

MISSOULA COUNTY, MONTANA
 DEPARTMENT OF RECORDS
 MISSOULA, MONTANA

File No. _____

STATE WATER CONSERVATION BOARD

T. 15N R. 18W

DUPLICATE

DEC 22 1966

County Missoula

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Formations Log:

- 0 - 39 Pit & old dug well.
- 39 - 43 Sand & Gravel.
- 43 - 57 Sand & gravel imbedded in tan clay.
- 57 - 61 Fine silty sand.
- 61 - 63 Fine sand & gravel. Some sandy water.
- 63 - 65 Clean coarse gravel. Water.

Owner Ernest Millikan Address Missoula, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 10/10/66 Date completed 10/12/66

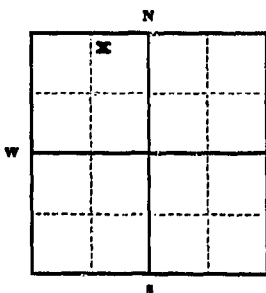
Type of well Drilled Equipment used Cable Tools
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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" OD x 1/2"	-5	63	NONE		

Water rises in the well 26'6" from surface.



Static Water Level for non-flowing well _____ 26'6" feet.

Shut-in Pressure for Flowing Well None

Pumping Water Level _____ 38 feet

at _____ 100 gal. per minute.

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

How Tested Air Lift Pump

Length of Test 1 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well through the open bottom of six inch casing.

Sec. 27, T. 15N R. 18W indicate location of well and place of use, if possible. Each small square represents 40 acres.

Wells with open bottom completions in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped.

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).

Block 3, Plat W, Piltzville Addition

Show exact depth of bottom.

Bottom of hole 65'

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.

52
Driller's License Number

William B. Deane
Driller's Signature

41575

256449

#1668

I received and filed this instrument for record on the 19 day of May 1966 at 1:05 o'clock P.M. permanent files of Missoula County, State of Montana

Witness my hand:
 James R. Gouse, County Recorder
 By James Beckwith, Deputy
 Fees 7.00 Paid

pumped at rates less than 25 to 50 percent of the tested capacity of the aquifer.

small, shallow, unconsolidated, to
 depth of feet, it has a high
 permeability, and is a good
 aquifer. The water is of good
 quality and is suitable for
 domestic and agricultural use.

#2076

298151

I received and filed this instrument for
record on the 29 day of Dec 1970
at 10:10 o'clock P.M. permanent files
of Missoula County, State of Montana
Witness my hand:
Vernice R. Gross, County Recorder
By *Margaret M. Chilton* Deputy
Fee \$0.00

27

File No. _____

T. 13 N. R. 18 W

DUPLICATE

County _____

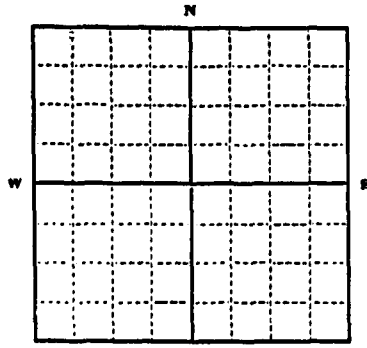
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Alfred Peterson of 410 7th St W Missoula
(Name of Appropriator) (Address) (Town)
County of Missoula State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 27 T. 13 N. R. 18 W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Prior to 1910 - Continuous
Electric pump installed by me in 1934

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
Only lawn sprinkling

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump located on rear of Lot 17 in Block 7 of Peterson Addition to Pellyville

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1910 and purchased by me in 1939

8. The depth of water table 8 feet Soil test measured in 1917

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 Originally dug by parent and returned with 10 inch tile casing in 1947 8 feet deep

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

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

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

Signature of Owner Alfred Peterson
Date Dec 28 1963

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

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

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

15281

710

215-119

I received and filed ^{copy} this instrument for
record on the 22nd day of Dec. 1963
at 11:57 o'clock A.M., permanent file
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By Walter A. G. [Signature] Deputy
Fee \$ 2.00 Paid

27

File No.

T. 13N R. 18W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

JAN 3 1968

(Under Chapter 237, Montana Session Laws, 1961)



Top of Ground
(Elev. above sea level Approx. 3350)

- 0 - 6 Well pit
- 6 - 13 Gravel and cobbles mixed in tan silty clay.
- 13 - 59 Tan silty clay. Some gravel mixed in.
- 59 - 63 Silty gravel. Seeps of water.
- 63 - 78 Fine sand and some fine gravel. Some water.
- 78 - 81 Clean coarse sand and gravel. Water rises to 37 feet from surface.

Owner Roy & Leta Vick Address Box 157 Milltown, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of Appropriation of Groundwater None filed

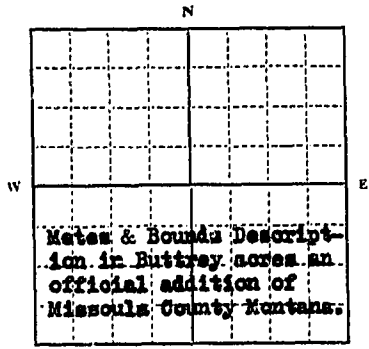
Date well started 11/12/63 Date Completed 11/14/63

Type of well Drilled Equipment Used Cable tools
(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)
6 in	6 5/8" OD X 17 # pr ft	-5	81	NONE		



SE 1/4 Sec. 27 T. 13N R. 18W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.
Bottom of well 81 ft.

Static Water Level for non-flowing Well 37 feet.

Shut-in Pressure for Flowing Well Non-flowing

Pumping Water Level 54 feet at 70 gal. per minute.

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

How Tested Air lift pump 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) A forged steel drive shoe is welded to the bottom of the casing. All water is entering the well through the open bottom of the six inch casing.

52
Driller's License Number
William F. Osborne
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.

20062

916

215389

Copy

I received and filed this instrument for
 record on the 31st day of Dec 1963
 at 11:30 o'clock A. M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. Swiney County Recorder
 By W. J. Swiney Deputy
 Fee \$ 2.00 Paid

MISSOULA COUNTY, MONTANA

For record to be made in the books of the County Recorder of Missoula County, Montana, the following instrument is hereby filed for record to wit:

1. A certain instrument, the contents of which are hereunto referred to, was duly executed and acknowledged by the parties thereto on the 31st day of December, 1963, at Missoula, Montana.

2. The instrument is hereby filed for record in the permanent files of the County Recorder of Missoula County, Montana, and the same is hereby certified to be a true and correct copy of the original instrument as the same appears from the records of the County Recorder of Missoula County, Montana.

Witness my hand and the seal of the County Recorder of Missoula County, Montana, this 31st day of December, 1963.

Martin S. Swiney
 County Recorder

File No.

T. 13^N R. 18^W

DUPLICATE

County Missoula

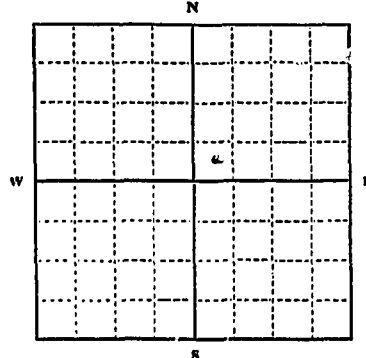
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1969
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Adrian A & Sally Walker, of Bonner
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sw 5/4 Sec 27 T. 13 R. 18

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

- 2. The beneficial use on which the claim is based. Irrigation and house use.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1949 and used for irrigation & house use
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 gal's
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Garden lawn & house use
Adrian A. Walker
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. electric water pump.

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

8. The depth of water table. 16 1/2 ft top of ground level to top of water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled well 4" casing 51 ft deep. electric half horse pump. Pump situated in 4th compartment attached to basement of house. Pump situated over concrete shaft to water level.

10. The estimated amount of groundwater withdrawn each year.

11. The log of formations encountered in the drilling of each well if available. Had to drill deeper on account of sand.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Book 4 Page 200 line 3

Signature of Owner Adrian A Walker
Date 12-28-63

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

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

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

707

215-115

Copy
I received and filed this instrument for
record on the *12* day of *Jan*, 19*62*
at *11:30* o'clock *A.M.*, permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By *Martin S. Behner*
Fee \$ *2.00* Paid

28

File No. _____

T. 13 N R. 18 W

DUPLICATE

County MISSOULA

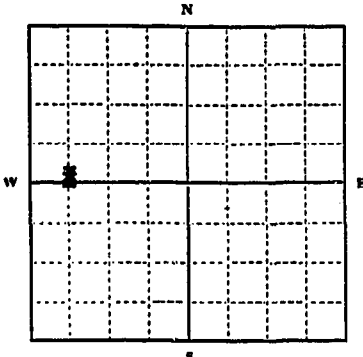
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Luke M. & Nettie Harris, of Route 4, Missoula
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Section 28 T. 13 N R. 18 W
1/4

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 on necessary use for household use and garden irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1942 and has been in constant use since that time for household use and garden irrigation.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) approximately 95 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 Irrigation of approximately 1/2 acre of garden and lawn.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By an electric pump drawing water from a shallow well and spring seepage.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater MARCH 1942

8. The depth of water table 15 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 The well is concreted up and is about 20 ft. in depth and five ft. in diameter.

10. The estimated amount of groundwater withdrawn each year 115,000 gal. estimated

11. The log of formations encountered in the drilling of each well if available There is no log available. The well was hand dug down to about 30 ft. and the well pipe was driven down approximately 6 to 8 ft. further. A well house was constructed over the well.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record The only other information is that this well is located 22ft. from our dwelling house.

Beryl H. Lucas
NOTARY PUBLIC for the State of Montana
Residing at Missoula, Montana
My Commission Expires May 1, 1964

Signature of Owner *Luke M. Harris*
Nettie M. Harris
Date 12-27-63

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

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

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

20022

823 215-31

I received and filed this instrument for
record on the 22nd day of June 1963
at 4:04 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BIXLER, County Recorder
By *[Signature]* Deputy
Fee \$ 2.00 Paid



File No. _____

MONTANA WATER RESOURCES BOARD

RECEIVED

T. 13 R. 18 S. 24

DUPLICATE

SEP 29 1969

County Missoula

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)
Well located near Deer Creek

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0-4 Topsoil

4-16 Gravel & Clay

16-19 Tan Clay, Gravel
& Seep of Water

19-28 Tan Clay, Gravel
& Cobbles

28-35 Pink Rock, Gravel
Clay & Water

Owner Ralph S. Harris Address Box 186
CHAMP WELLS DRILLING & Milltown, Montana
Driller PHILIP S. BARRA Address 1522 S. 14th W.
Missoula, Montana

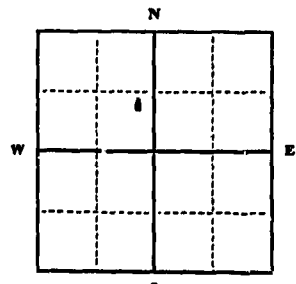
Date of Notice of appropriation of groundwater.....
Date well started Sept. 17, 1969 Date completed Sept. 17, 1969

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 (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
6" I.O.	6" I.O. 17 lb per ft.	1' above G.L.	35'			



Static Water Level for non-flowing well 28 feet.
Drawdown = 17'
Shut-in Pressure for Flowing Well.....
Pumping Water Level..... 12' feet
at..... 4 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested..... Test Pump
Length of Test..... 1 hr.

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

SW 1/4 Sec. 28, T. 13, R. 18
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.

License 7
Driller's License Number

Philip Barra
Driller's Signature Champ Well
Drilling & Pump Supply

45684

1936

284425

I received and filed this instrument for
 record on the 24 day of Sept 1969
 at 1:30 o'clock P.M., permanent file
 of Missoula County, State of Montana
 Witness my hand:
Thomas B. Cramer County Recorder
 BY Dorothy W. Bayne Deputy
 Fee \$ 2.00 Paid

Montana (General) - 1969
 Department of State
 Helena, Montana

File No. _____

MONTANA WATER RESOURCES BOARD

T. 10³ R. 18 28
County Missoula

DUPLICATE

RECEIVED

LOG

OCT 5 1967

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground _____

(Elev. above sea level _____)

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

(Under Chapter 237, Montana Session Laws, 1961)

0 to 6' Pit

6' to 30' Clay & Gravel

30' to 57' Sand, gravel &
water

Owner Elna Whitteley Address Box 512, Donner, Mont

Driller Glenn Camp 1522 S. 1st Address Missoula, Montana

Date of Notice of appropriation of groundwater _____

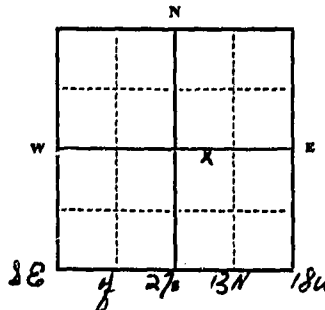
Date well started 9/17/62 Date completed 9/19/62

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 (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
5"	5" I.D. 17# to foot	G.L. to	57'			



Static Water Level for non-flowing well 19 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 19 feet
at 50 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Compressor

Length of Test 1 hour

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

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

(Continue on reverse side)

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

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 # 7

Driller's License Number

Glenn Camp
Driller's Signature.

42,363

1941

264578

I received and filed this Instrument for
 record on the 3 day of Oct 1941
 at 4:50 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Vernice R. Grout, County Recorder.
 By Marjorie A. Hunt, Deputy
 Fee \$ 2.00 Paid cash

MISSOULA COUNTY
 RECORDS DEPARTMENT
 1941

File No. _____ STATE WATER CONSERVATION BOARD

T. 13 R. 18 34

DUPLICATE

AUG 19 1966

County Missoula

LOG

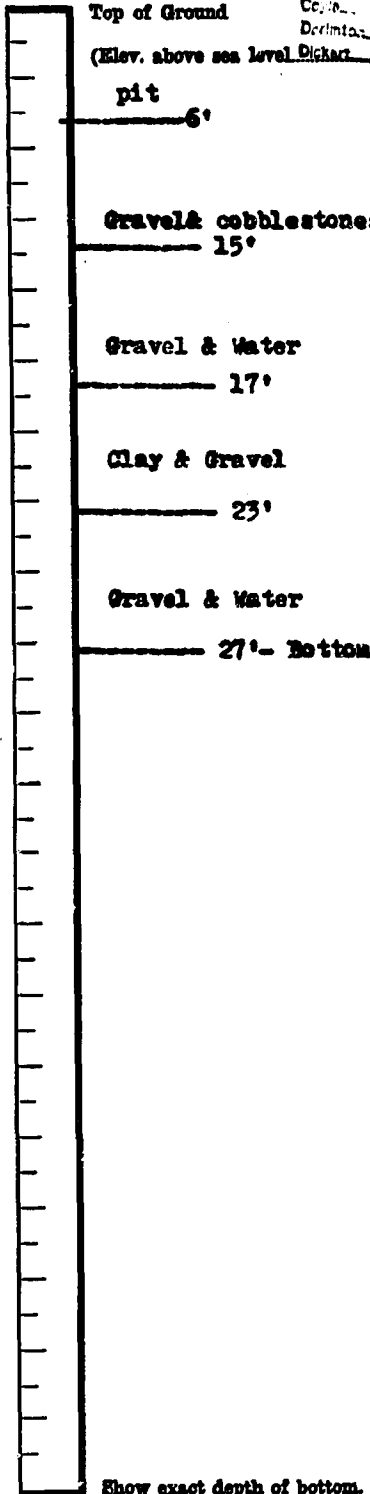
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level Dickart)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1963

(Under Chapter 237, Montana Session Laws, 1961)



Owner ALVIN ERICKSON Address BOX 2 MILLTOWN

Driller Donald R. Beebe Address Arlee

Date of Notice of appropriation of groundwater _____

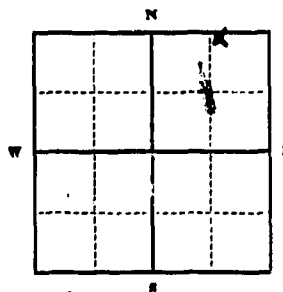
Date well started April 24, 1966 Date completed April 24

Type of well _____ Equipment used Churn drill, rot. ~~air~~ drill

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6"	6" 17#	5'	27'	None		



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well 14 feet

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

Discharge 24 gal. per min. of flowing well

How Tested N/A

Length of Test 1 hour

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

NE 10E Sec 24 T. 13 R. 18
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).

Household

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, ^{three} copy to be retained by driller.

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

Driller's Signature

Donald R. Beebe

Driller's Signature

41, 324 ~~41, 324~~