

File No.

DUPLICATE

STATE WATER CONSERVATION BOARD
R E C E I V E D
JUL 29 1965

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

County Missoula

REFERRED TO

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



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

Clay

Clay Sand Gravel

Sand Gravel Water

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner... Floyd A. Anderson Address... Miller Creek RD

Driller... John Farrell Address... Arlea Mont

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

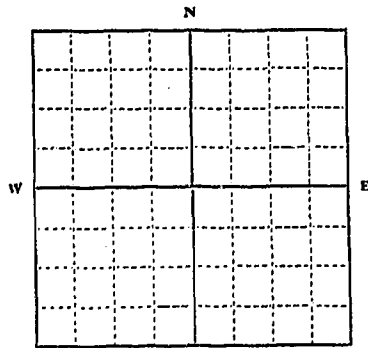
Date well started June 8 1965 Date Completed June 16 1965

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 Sbs	From (Feet)	To (Feet)
5"	(5" 1462#)	0	103'			



..... 1/4 Sec..... T..... R.....
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

103

Show exact depth of bottom.

Static Water Level for non-flowing Well..... 80 feet.

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

Pumping Water Level..... 82' feet at..... 12' gal. per minute.

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

How Tested..... Pump Length of Test..... 2Hrs

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).....

34

Driller's License Number

John Farrell
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.

34345

MLD

File No.

STATE WATER CONSERVATION BOARD

T. R.

DUPLICATE

R E C E I V E D
SEP 23 1965

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground REFERRED TO.....

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

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0 to 13' Open hole

13' to 15' Sand & gravel

15' to 44' Sand

44' to 49' Sand

49' to 52'-10" gravel

& water

Owner Stephan J. Anderson Address Stavenville, Montana

Driller Glenn Camp 705 Alder Address Missoula, Montana

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

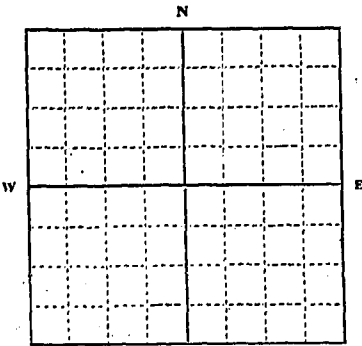
Date well started July 20, 1965 Date Completed July 21, 1965

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. 19.62# to foot	G.L. to	52'-10"		None	



S 1/4 Sec. 15, Lot 15 Bl. 1
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 12' from G.L. feet.

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

Pumping Water Level 30 feet at 100 gal. per minute.

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

How Tested Ballor & compress Length of Test 1 hour

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).....

Licence # 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.

#4624

167133

RECEIVED
COUNTY CLERK
I certify that I received and filed this
instrument on this 21st
day of Sept., 1965, at 2:50
o'clock P.M.

BY E. G. Moore
COUNTY RECORDER
By Mary M. [Signature]
DEPUTY
Fee \$2.00

Return to Recorder for Recording 454
STATE JURY FEE FOR RECORDED INSTRUMENT

File No. _____

T. _____ R. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

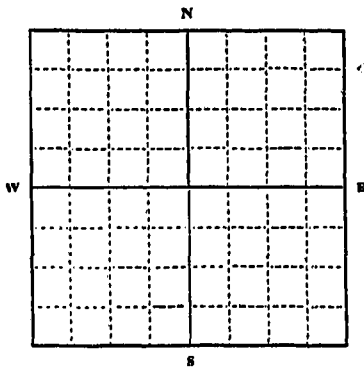
RECEIVED
JAN 3 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. ^{and Estate of} Clyde Bakker (Name of Appropriator), of 3942 S. 7th (Address) Missoula (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. _____ T. _____ R. _____
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based Household
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1940 - ever since
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gallons -
- 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 Lot 1 - garden & lawn
- 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 approximately 1940 or before
- 8. The depth of water table 6.8 ft. 8 ft.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6.8 ft.
- 10. The estimated amount of groundwater withdrawn each year I don't know
- 11. The log of formations encountered in the drilling of each well if available I don't know
- 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 Clyde Bakker
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.

20394

1225

Copy
I received a copy of the original for
recording of the *31st* Dec. 1863
at the office of the permanent files
of Missoula County, State of Montana
Witness my hand:
By *M. J. [Signature]* County Recorder
Paid *2.00*

709

Section T. 26

File No.

T242R 20-5000

DUPLICATE

County Missoula

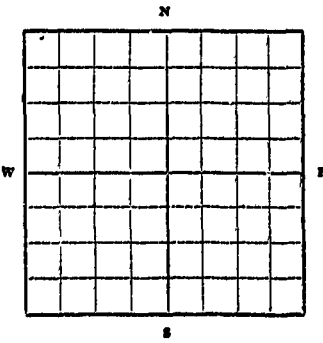
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1931)

STATE ENGINEER

1. Richard Bauer of 1914 HUNBLE MSLA
(Name of Appropriator) (Address) (Town)
County of MISSOULA State of MT
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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

- 2. The beneficial use on which the claim is based DOMESTIC
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1954
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40
- 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 10 ac
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal HOUSE PUMP 3/4 MOTOR
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater APRIL 1954
- 8. The depth of water table 18 FT
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch - 6 FT
- 10. The estimated amount of groundwater withdrawn each year 20000 gal/yr
- 11. The log of formations encountered in the drilling of each well if available 1-2750 ft. 2-5 COARSE CLAY SAND then FINE 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 Richard Bauer & Martha
Date Dec 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.

12340

520

214721

I received and filed this instrument for
 record on the 23 day of Dec. 1963
 at 3:52 o'clock P.M., permanent files
 of Niameca County, State of Montana
 Witness my hand:
MARTIN S. BEHNER, County Recorder
 By [Signature] Deputy
 Fee \$ 2.00 Paid

2
of

0

1963

1963

1963

1963

File No.

T. 52 N. 3 R. 20-5 sec 20

DUPLICATE

County Missoula

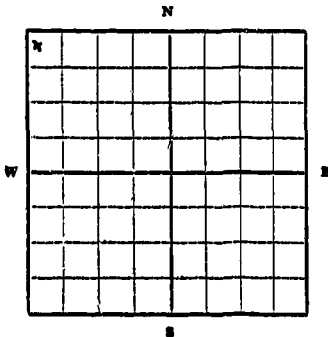
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

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

STATE ENGINEER

1. Richard Bauer of 1914 humble msla
(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:



..... 1/4 Sec. T. R.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4.0 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 Richard Bauer

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal hand pump 24 hose water

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1961

8. The depth of water table 18 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 domestic 4 inch 10 ft

10. The estimated amount of groundwater withdrawn each year 20,000 gal about

11. The log of formations encountered in the drilling of each well if available 0-2 top soil
2-4 clay 4-2.8 gravel/cobbles 2.9-3.9 sand/gravel
3.9-4.5 gravel 4.5-5.3 clay/gravel 5.3-5.7 sand
5.7-7.0 small 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 Bauer Richard Monte

Date Dec 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.

521

214772

I received and filed this instrument for
record on the 23 day of Dec 1963
at 3:54 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By Ethel Lamb Deputy
Fee & 22 Paid

File No. _____

T. 41 N. R. 20. S. 40 E.

DUPLICATE

County MISSOULA

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

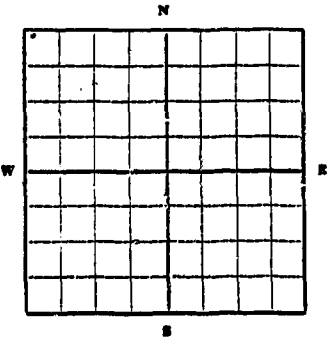
RECEIVED
DEC 26 1963

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

STATE ENGINEER

1. Richard Bauer of 1914 Avenue 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:



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

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

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

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

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
1/2 acre

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
hand pump 3' water

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

8. The depth of water table
18 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
6 inch - 48 ft

10. The estimated amount of groundwater withdrawn each year
20000 gal/yr

11. The log of formations encountered in the drilling of each well if available
Clay sand & 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 Richard Bauer

Date Dec 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.

522

214773

I received and filed this instrument for
 record on the 23 day of Dec 1963
 at 5:56 o'clock PM, permanent files
 of Missoula County, State of Montana
 Witness my hand:
MARTIN S. BEHNER, County Recorder
 By Orthal L. Looze Deputy
 Fee \$ 2.00 Paid

MISSOULA

RECORDS

MISSOULA

MISSOULA

MISSOULA

MISSOULA

MISSOULA

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MISSOULA

MISSOULA

File No.

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

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

0 to 3' Pit
5' to 18' Old well
17' to 57' sand, some
gravel & water
57' to 63' Sandy clay & gravel
gravel.
63' to 94' Sand, some
gravel & water
94' to 96' Sand, gravel
and water

Owner: Robert Pagnon Address Miller Creek

Driller: Glenn Camp 705 Alameda Address Missoula, Mont

Notice of Appropriation of Groundwater.....

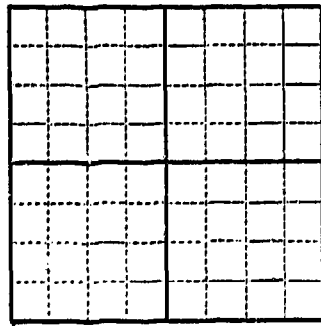
Date well started 7/21/62 Date Completed 9/26/62

Type of well: Buried Equipment Used: Crane 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)
5"	5" X D. 14 lb seamless	3" above pit floor to 91'-6"				



..... 1/4 Sec. T. R.
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... 16'-6" from O.L. ... feet.

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

Pumping Water Level... 20 ... feet at... 100 ... gal. per minute.

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

How Test Supersaturated 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 # 3

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.

2000'

802 215410

I received and filed this instrument for
recording on the 27th day of Feb 1903
at 10:30 o'clock A.M. permanent files
of Missoula County, State of Montana
Witness my hand:
M. S. BEHNER, County Recorder
By *M. S. Behner*
702

GW 2

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—48557

File No.

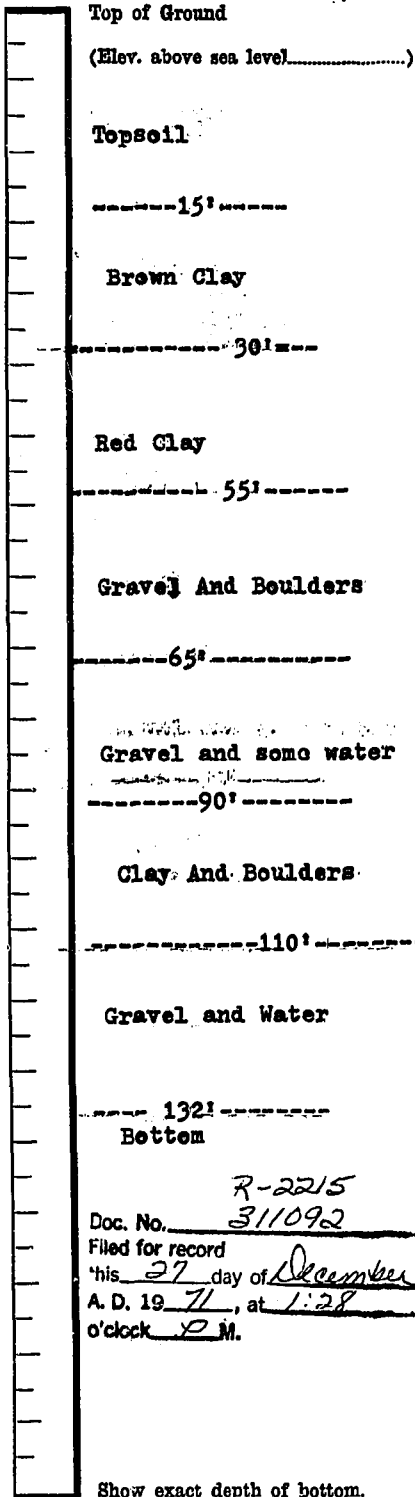
DEC 29 1971

T. R. N.L.D.

DUPLICATE

County Missoula

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



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

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

Owner: San J. Hazel Basciano Address: Highway 10 W Rt 2, Missoula Mt. Driller: Beebe Drilling Address: Palson, Mont.

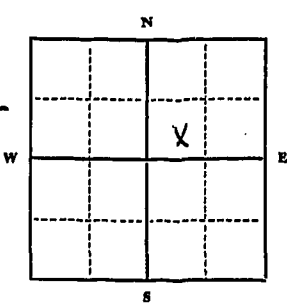
Date of Notice of appropriation of groundwater: Date well started: July 8, 69 Date completed: July 12, 69

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

Water use: Domestic Municipal Stock Irrigation Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 17#	1' above ground level	132	None		



Static Water Level for non-flowing well 89 feet. Shut-in Pressure for Flowing Well N/A. Pumping Water Level 89 feet at 40 gal. per minute. Discharge in gal. per min. of flowing well N/A.

How Tested: Bailer Length of Test: 2 hours

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

Doc. No. R-2215 311092 Filed for record 'his 27 day of December A. D. 19 71, at 1:28 o'clock P.M.

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, three copy to be retained by driller.

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

163 Driller's License Number Donald R. Seale Driller's Signature

49642

12-2-19

311092

I received and filed this instrument for record on the 27 day of Dec 1917 at 1:28 o'clock P.M. permanent file of Missoula County State of Montana

Witness my hand
 Veranus R. Cress, County Recorder
 By *Wm. H. Chubbuck* Deputy
 Fee \$2.00 Cash Paid

Roberts

Clara and George

301

Gravel and some water

22

Gravel and Peat

22

Box 674

301

Gravel

22

Check in Advance for Librarian's Fee \$1.00
 Please Make Cash for remaining fee

231 Nov 1918

Gravel
 County
 Peat
 Q. I. D. Is

X

Gravel

Jan 8 '18

Gravel

Jan 18 '18

X

Boope Justice

Boope Justice

Witness

Department of Natural Resources and Conservation
Water Resources Division
Engineering Bureau
Groundwater Section
Sam W. Mitchell Building
Helena, Montana 59601

Owner Sam Bascario
Address Highway 10W - Rte 2 - Missoula
Location Y? R. Sec.
Doc. No. 31092, # 2215

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide the location of the well, as indicated on the attached form, by section, township and range.

Thank you.

Form No. 18
8-60

MUD

Lot 2 in Block 8 of West Riverside Addition
No. 1, a platted subdivision in Missoula
County, Montana, according to the official
plat there of on file and of record
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 30 1961

WATER WELL LOG

STATE ENGINEER

Owner Frank Breckbill Address West Riverside CONNER, MONT.

Driller Glenn Camp 705 Alder Address Missoula

Date Started June 10, 1961 Date Completed June 14, 1961
Lot 2 in Block 8 of West Riverside Addition No. 1, a platted subdivision in
Missoula County, Montana, according to the official plat there of on file
and of record
Location: Sec. 1 T. 1 R. 1 sec. 1

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 6" above 1st to 69'-6" ft. Type Recessed Size 3" x 3.14 lbs

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: 74' feet.

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

Pumping water level 74 feet at 15 gal. per min. no drawdown

How tested: Bailer

Length of test 1 hour

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

Put in exact location and file with the County Clerk & Recorder

(over)

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—39318

File No.

DUPLICATE

Location

RECEIVED
DEC 9 1963
STATE ENGINEER

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

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



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

- 0 to 6'-3" Pit
- 6' to 29' Gravel & boulders
- 29' to 35' Sand
- 35' to 48' Clay
- 48' to 57' Clay & gravel
- 57' to 79' Sandy clay
- 79' to 83' Sand & heavy gravel
- 83' to 98' Water & sand
- 98' to 102' Clay & gravel
- 102' to 111' Sand, gravel & water

Owner..... Henry R. Cadieux Address..... Bonner, Mont

Driller..... Glenn Camp 705 Alder Address..... Missoula, Mont

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

Date well started..... 7/29/63 Date Completed..... 8/3/63

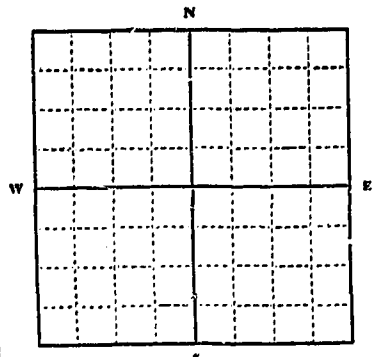
Type of well..... Drilled Equipment Used..... Churn drill

(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)
5"	5" I.D. 14 lbs	18" above floor of pit to 106'-3"		None		



..... 1/4 Sec. T. R.
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..... 80' from S.L.L. feet.

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

Pumping Water Level..... 80 feet at..... 14 gal. per minute.

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

How Tested..... Baller 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.

2186

367

213895

I received and filed this instrument for
 record on the 6 day of Dec, 1967
 at 9:00 o'clock P. 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.	DATE	TIME	FILED
19-20000-213895			

RECORDING FEE AND POSTAGE TO BE PAID BY THE FILER
 MISSOULA COUNTY, MONTANA



Missoula County

Office of the

Clerk and Recorder

Martin S. Behner
Clerk and Recorder

DOROTHY HEAD
Chief Deputy

PHONE 542-2023

COUNTY COURT HOUSE

P. O. BOX 1422

MISSOULA, MONTANA

December 12, 1963

RECEIVED
DEC 13 1963

State of Montana
State Engineer
Sam W. Mitchell Bldg.
Helena, Montana

STATE ENGINEER

ATTN: Donald D. Sullivan

Dear Sir:

In reply to your letter of the 10th concerning the attached GW-2 form of Henry F. Cadieux, we have checked the original and it does not have the information concerning location.

Yours very truly,


MARTIN S. BEHNER
County Clerk & Recorder

MSB:vb

Encl. 1

GW 2

File No. _____

DUPLICATE

Revised Stock Form State Publishing Co., Helena, Montana—39087

RECEIVED
MAY 20 1964

T. _____ R. _____

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 13 1964

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 7' Pit
- 7' to 18' Clay & gravel
- 18' to 52' Gravel & water
- 52' to 56' Sand, gravel & water
- 56' to 59' Gravel & water

Owner G.M. Connick Address Escondido Drive on
Driller Glen Camp 705 Alder Address Missoula, Mont

Date of Notice of Appropriation of Groundwater _____

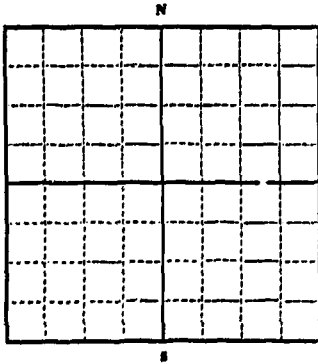
Date well started 12/13/63 Date Completed 12/16/63

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 and Size	From (Feet)	To (Feet)
5"	5" I.D. 14 lb to feet	1' above Floor	to 53'-3"	None		



_____ 1/4 _____ Sec. _____ T. _____ R. _____
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 24' from G.L. feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 26 feet at 100 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Compressor Length of Test 1/2 hour

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) _____

License # 7

Driller's License Number

Glen 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.

3147

P
2247

215 968

copy

I received and filed this instrument for
recording on the 6 day of January, 1967
at 7:20 o'clock A.M. in Franklin files
of Missoula County, State of Montana
Witness my hand:
MARGIE S. BENICE, County Recorder
By Walter R. Baker Deputy
Fee \$ 1.00 Paid

C

RECORDED
INDEXED
JAN 10 1967

84, 1000

File No. _____

T. _____ R. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

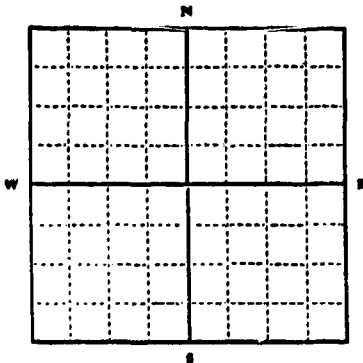
JAN 3 1968

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Harner R & Cora Mae Crisman, of Rd 3 Pattee Canyon 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:



1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based Household, yard irrigation, livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1960 - continuous to present

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 wells - #1 6 gal. per min. #2 1 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 Yard irrigation - about 1 acre total

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump #1 well 150 yd. due East present house back from highway #2 well adjoining West side of Harner R. highway

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. #1 May 1960 #2 Mar 1962

8. The depth of water table 12 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. #1 21 ft. 6" casing #2 28 ft. 6" casing

10. The estimated amount of groundwater withdrawn each year. #1 100 mill gal. #2 500,000 gal.

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

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

Signature of Owner McCrusman

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.

1194

copy
 I received and filed this instrument for
 record on the 31st day of Dec. 1965
 at 7:15 o'clock P.M., permanent files
 of Minerva Court, State of Montana
 Witness my hand:
 By *Martina S. Baker* County Recorder
 Fee \$ *2.00* Paid

This case number is transferred to Bureau Library and
 126000 012 012
 1/1/66

GW

File No.

T. R.

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

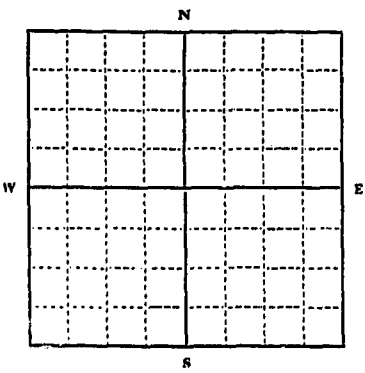
RECEIVED
JAN 3 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William Crowe, of 1270 S. First Street West,
(Name of Appropriator) (Address) Missoula (Town) Rt 2

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



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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1947 continuous well drilled in 1946

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 150 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 12490 square feet, garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 50 foot well manned by a 150 gallon per minute electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well drilled in 1946 and manned by 150 gallon per minute electric pump.

8. The depth of water table. 50 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 50 foot well with 4 inch casing manned by 150 gallon per minute electric pump capable of continuous operation during growing season

10. The estimated amount of groundwater withdrawn each year. 78,840,000

11. The log of formations encountered in the drilling of each well if available. As best as I remember the formation is as follows: 5 feet sandy loam; 35 feet of gravel layer layer of hardpan; 5 feet gravel; layer of hardpan; 8 feet gravel; hardpan 3 feet 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 available

Signature of Owner William Crowe
Date 12-30 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.

20025

826 - 215234

I received and filed this instrument as
record on the 20th of 1963
at 10 o'clock A.M. permanent files
of Missouri County, State of Missouri
Witness my hand:
M. S. BENTLEY, Recorder
By: *Walter J. [Signature]* Deputy
Fee \$ 20.00 Paid

File No.

DUPLICATE

RECEIVED
MAY 20 1964

T. R.

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

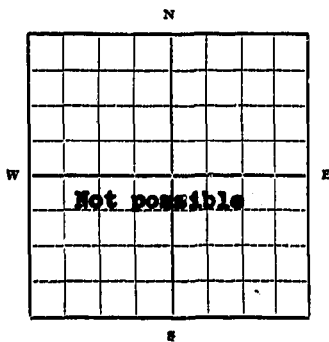
RECEIVED
JAN 3 1968
STATE ENGINEER

Location 10/11/11

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

1. **Naud A. Dalberg** of **Route 3** **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:



..... 1/4 Sec. T. R.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. **Not possible.**

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1900. Approximate date of one well; 1933. Approximate date of second well; Used continuously since dates above.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
100 gallons per minute for each 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?
Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric pumps - Both wells are located in farm yard.

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

8. The depth of water table
Thirty-three 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
Both wells are approximately 3' in diameter, one of cement construction, the other constructed of tile pipe.

10. The estimated amount of groundwater withdrawn each year
Unknown

11. The log of formations encountered in the drilling of each well if available
**25 feet clay
8 feet of 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
Not applicable

Signature of Owner *Naud A. Dalberg*

Date *Dec 30, 1963*

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

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

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

20000

800 215208

I received 24 filed this instrument for
 record on the 27th day of Dec 1963
 at 3:16 o'clock P. M., permanent files
 of Missoula County, State of Montana
 With my fee of:
 By Marie S. Keenan County Recorder
 Deputy
 Fee \$ 2.00 Paid

MISSOURI COUNTY, MONTANA
 DEPARTMENT OF REVENUE
 MISSOULA, MONTANA

MISSOURI COUNTY, MONTANA
 DEPARTMENT OF REVENUE
 MISSOULA, MONTANA

MISSOURI COUNTY, MONTANA
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 DEPARTMENT OF REVENUE
 MISSOULA, MONTANA

MISSOURI COUNTY, MONTANA
 DEPARTMENT OF REVENUE
 MISSOULA, MONTANA

NLD

File No. _____

T. _____ R. _____

DUPLICATE

County: **RECEIVED**
DEC 30 1963

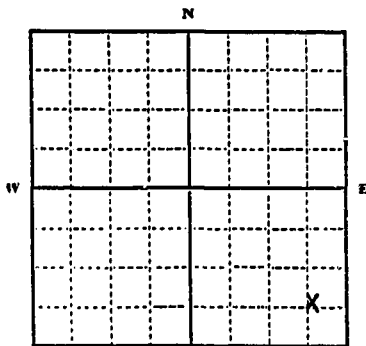
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Donald J. Dasch, of 2524 W Central
(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:



US Survey 2nd 49, 30, 13, 19

1/4 Sec. T. R.

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

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

Gardens

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

Approximately 4 years

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

50 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.....

for gardens, lawn, various and personal use

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

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

Approximately in August of 1949

8. The depth of water table.....

3.5 feet

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

Pump well, 4 in casing, 8.5 feet

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

Approximately 376,000

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

I believe its Blaine sh., sand, clay, low shale

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 Donald J. Dasch

Date Dec 27

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.

15286

715

213 124

Copy
I received and filed this instrument for
record on the 21 day of Dec 1967
at 11:00 o'clock A.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. EBNER, County Recorder
By Martin S. Ebner
Fee \$ 2.00

[Faint vertical text, possibly a stamp or recording information]

[Faint grid or stamp area]

File No.

T.....R. **NLB**

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
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' Back fill (surface dirt & gravel)

6' to 18' Gravel, sand & clay

18' to 20' Boulder

20' to 28' Sand, gravel & water

28' to 35' Boulders, sand gravel & water

35' to 39 1/2' Sand, gravel & water

Owner: **Lon T. Ebal** Address: **Orcher House**

Driller: **GLEN CAMP** Address: **705 Alder, Missoula, Mont**

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

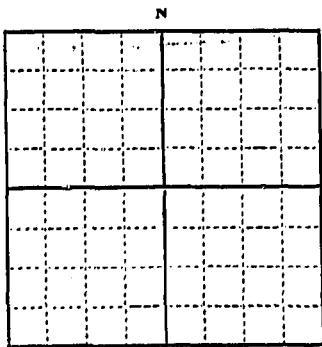
Date well started **10/8/63** Date Completed **10/10/63**

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)
5"	3" I.D. 14' to Foot	10' above G.L.	to 39' 2"	None		



..... 1/4 Sec. T. R.
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... **16** feet.

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

Pumping Water Level... **20** feet at **30** 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, 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

Glen 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.

475

214598

COPY

I received and filed this instrument for
 record on the 20 day of Dec, 1963
 at 120 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand.
 MARTIN S. BEHNER, County Recorder
 By [Signature] Deputy
 Fee \$ 1.00 Paid

MISSOULA COUNTY RECORDS DEPARTMENT

SEARCHED INDEXED SERIALIZED FILED

DEC 20 1963

MISSOULA, MONTANA

2483

332229

I received and filed this instrument for
record on the 21st day of May 1973
at 9:00 o'clock AM, permanent files
of Missouri County, State of Missouri.
Witness my hand:
Dorothy H. H. County Recorder
By W. S. [Signature] Deputy
Fee \$2.50 paid.

GW 2

File No.

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—40472

RECEIVED
MAY 20 1963

T. R.
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Lee R. Hunter Address Rd, Big Flat

Driller Address

Date of Notice of Appropriation of Groundwater 7-24-63

Date well started 6-4-63 Date Completed 8-4-63

Type of well driven Equipment Used Mobil
(aug, 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.

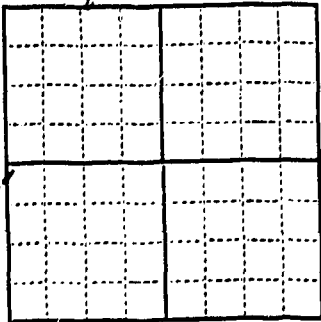
Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind	From (Foot)	To (Foot)
4"	4"	0	48	slots	0	6



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

fresh water

48' Bottom of well.



1/4 Sec. T. R. 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 8 feet.

Shut-in Pressure for Flowing Well ✓

Pumping Water Level 15 feet at 350 gals per min gal. per minute.

Discharge in gal. per min. of flowing well ✓

How Tested by weight 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) one acre

Driller's License Number

Lee Hunter
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.

20206

1086

215522

Copy

I received and filed this instrument for
 record on the 21 day of Nov, 1923
 at 11:22 o'clock P. M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER, County Recorder
 By L. Lane Deputy
 Fee \$ 2.00 Paid

not return to you unless you return it to me
 you may have to see it yourself to see it
 in person unless you send it to me

MISSOULA COUNTY
 OFFICE OF THE COUNTY RECORDER
 MISSOULA, MONTANA

C

C

File No.

T. R.

DUPLICATE

County.

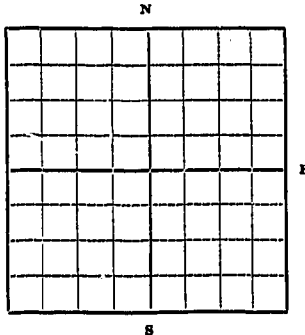
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 3 1964
STAIR

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. H. J. and M. Hall of Route 4 Rethelma 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:



..... 1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based
Household - domestic uses

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Daily use for domestic purposes since Aug. 1957

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
Small deep well that furnishes about 50 to 100 gallons per hour

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 in front of house 115' x 75'

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1955 -> 1956 purchased the house

8. The depth of water table
About 40'

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
Above

10. The estimated amount of groundwater withdrawn each year
Average working & domestic about 50 gallons per hour or 18,250 per year

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

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

H. J. Hall Margaret C. Hall
Signature of Owner H. J. Hall

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.

862 245 335

I received and filed this instrument for
recording on the day of 1910
at o'clock permanent files
of Missoula County, State of Montana
Witness my hand
MARTIN S. BENTLEY Deputy Recorder
By Deputy
Fee \$ Paid

File No.

T. R.

DUPLICATE

County

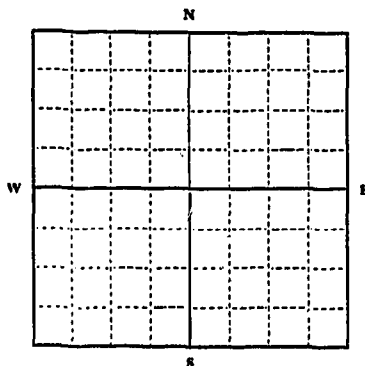
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

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

I, Clark V. Harris, of Rte. #1, W. Riverside, (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:



1/4 Sec. T. R.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been in use by us since Aug. 1962.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1800 gallons per hour.

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 Lawns.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Elec. pump Lot #1 W. Riverside

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Do not know when the well was drilled.

8. The depth of water table Well drilled Between 90 to 100 feet. about 30 feet in casing.

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 between 90 to 100 feet.

10. The estimated amount of groundwater withdrawn each year Have no idea.

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

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.

550
214852

I received and filed this instrument for
record on the 21st day of Dec 1967
at 10:20 o'clock A.M. permanent files
of Missoula County, State of Montana
Witness my hand:
WILLIAM S. BEHRENS County Recorder
By Walter J. Kelly Deputy
Fee \$ 1.00 Paid

MISSOULA COUNTY CLERK
MISSOULA, MONTANA
RECORDED
INDEXED
DEC 21 1967
MISSOULA COUNTY CLERK

File No.

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

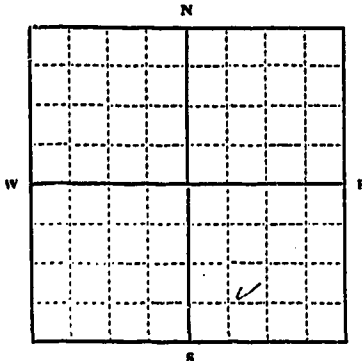
RECEIVED
JAN 3 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Joe Hebert, of Box 104 Milltown
(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:



..... 1/4 Sec. T. R.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. continuous since approximately 1914

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

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. jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1914

8. The depth of water table. 50 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 8 in 40 feet

10. The estimated amount of groundwater withdrawn each year. in 11000

11. The log of formations encountered in the drilling of each well if available. in 11000

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. in 11000

Signature of Owner Joe Hebert

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.

20401

1282

Copy

I received and filed this instrument for
record on the 12th day of Dec. 1963
at 832 o'clock P.M. permanent file
of Missoula County, State of Montana
Witness my hand
County Recorder
By M. J. [Signature] Deputy
Fee \$..... Paid

File No. _____

T. _____ R. _____

DUPLICATE

County _____

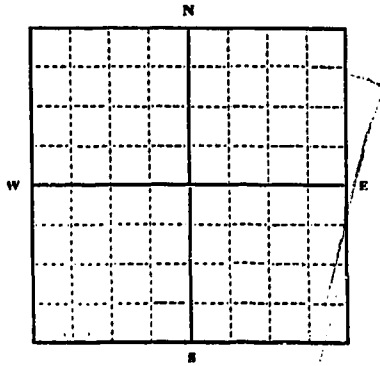
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODED
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1951)

1. John Heberle of 22 06 Dorothy 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:



1/4 Sec. T. R.

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

- 2. The beneficial use on which the claim is based. Household garden & lawn
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. August 20, 1959
- 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. Garden & Lawn, 1/4 A.C.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Hand-dug well 1 A.C.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. was 11-19-59 1959 Completed August 20, 1959

8. The depth of water table. 29' from G.L.

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 1/2" dia. 14 lbs. test, drilled well, 64' to 72' Sand & water, 72' to 75' Light gravel & sand, 75' to 78' Sand, gravel-bearing sand & water, 78' to 85' Fine silty sand, 85' to 87' Gravel & water.

10. The estimated amount of groundwater withdrawn each year. Household, garden and irrigating

11. The log of formations encountered in the drilling of each well if available. Copied above (#9)

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.

Glenn Camp, Driller
Licence # 7

Signature of Owner John Heberle
Date December 28, 1963

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

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

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

8²⁰ 215238

I received and filed this instrument for
record on the 20th day of June 1923
at 4:30 P.M., permanent files
of Mineral County, State of Montana
Witness my hand
M. S. Rexford, County Recorder
M. S. Rexford Deputy
Paid

File No.

T. R. NLP

DUPLICATE

County

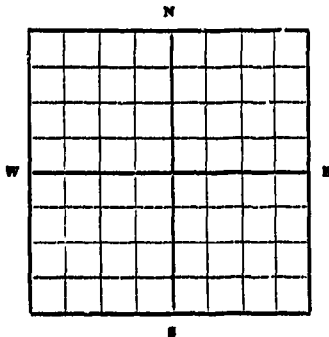
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

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

1. Hellgate School Dist #4 of Route 2 Thrusdale
(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:



..... 1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based school purposes and irrigation of grounds
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1864 - continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 miner 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 2.4 - Hellgate School Dist #4
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 hp electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1864 hand dug 1929 drilled 6 casing - approx depth 80' to 100'
8. The depth of water table 20' of top
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 unknown
10. The estimated amount of groundwater withdrawn each year varies with school enrollment
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 Hellgate School Dist #4
Opalme Frydell
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.

4

215117

Copy

I received and filed this instrument for
 record on the 30 day of Dec 1965
 at 11:35 o'clock A.M. permanent files
 of Missoula County, State of Montana
 Witness my hand:
MARTIN S. BRINER, County Recorder
 By Martin S. Briner Deputy
 Fee \$ 0.25 Paid

C

RECEIVED

NLD
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MAR 17 1972

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.

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 RON HINE

Address 4305 South 7th

West, Missoula

Date well started SEPT. 18, 1971

completed SEPT. 19, 1972

For Administrator's Use	
File #	<u>#2246, 313848</u>
Date	<u>March 13, 1972 2:00pm</u>
GW #	<u>1</u>

Type of well DRILLED
(Dig, drive, bored or drilled)

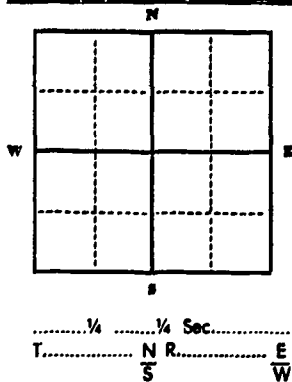
Equipment used CHURN
(Churn drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind	From (Foot)	To (Foot)
<u>2" I.D.</u>	<u>6-5/8" OD</u>	<u>ground level</u>	<u>42'</u>	<u>none</u>	<u>none</u>	<u>none</u>
<u>17 lbs.</u>	<u>level</u>					
<u>1/4" side-wall</u>						



Static water level 8 ft.*
Pumping water level 20 ft.*
at 20 gallons per minute,
measured 90 minutes after pumping began.
*Measured from ground level.
Well developed by ball and pump
for 4 hours.
Power gas Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature Leo a House

Driller's Address 740 TURNER MISSOULA, MONTANA

LICENSE NO. 195

Top of Ground (Elev. above sea level)		
From (Foot)	To (Foot)	
<u>0'</u>	<u>3'</u>	<u>TOP SOIL</u>
<u>3'</u>	<u>30'</u>	<u>Tan clay</u>
<u>30'</u>	<u>31'</u>	<u>Sand, gravel, water</u>
		<u>5 gal. per min.</u>
<u>31'</u>	<u>41'</u>	<u>Tan clay and gravel</u>
<u>41'</u>	<u>42'</u>	<u>Sand, gravel and water</u>

42 ft. Show exact depth of bottom

59,059

42246

313848

I received and filed this instrument for
record on the 13 day of Mar 18 73
at 2:30 o'clock P. M. permanent files
of Missoula County State of Montana
Witness my hand
Vermae A. Crouse, County Recorder
By *Minnie Rushall*, Deputy
Fee \$ *2.00* Paid

MISSOULA COUNTY
RECORDERS OFFICE
RECORDED
INDEXED
FILED

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Department of Natural Resources and Conservation
Water Resources Division
Engineering Bureau
Groundwater Section
Sam W. Mitchell Building
Helena, Montana 59601

Owner Ben Hine's 59801
Address 4305 S. 7th W. Missouri
Location T. R. Sec.
Doc. No. #2246, 313948

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide, as indicated in red on the enclosed form, the complete location of the well by Township, Range and Section.

Thank you.

Sent on
4/12/72

50,059

RECEIVED
MAY 19 1960

T. _____ R. MLD

County Missoula

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

*Corner of 26. & Central
No. 1/2 of lot 53 Plat. A.
U.S. Gov. Subdivision*

WATER WELL LOG

			X

Owner J.E. Hirning Address 26th and Central

Driller Glenn Camp, 705 Alder Address Missoula, Montana

Date Started April 18, 1960 Date Completed April 20, 1960

Location: Sec _____ T _____ R _____ 1/4 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: 9" above Pit bottom to 50'-3" ft. to _____ ft. Type Seamless Size 5" I.D. 14.18 Te. Feet

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: 38' from ground level feet.

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

Pumping water level: 38' feet at 50 gal. per min.

How tested: Compressor

Length of test: 1 hour

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



(over)

File No.

T. R.

DUPLICATE

RECEIVED
JAN 2 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

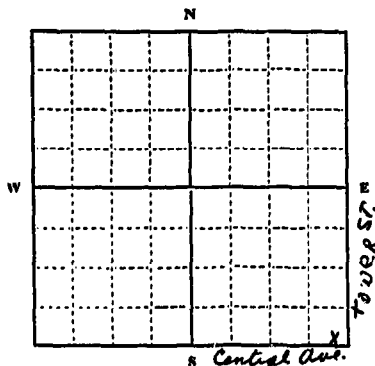
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Gerald W + Carol J Hitchcock 3425 W. Central 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:



1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based. House garden & yard

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. June 15, 1960
continuously since

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 4.5 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. Garden of 1/2 acre.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 3/4 H.P. pump located directly off basement of house.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. June 15, 1960

8. The depth of water table. 30'

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 76' deep drilled well

10. The estimated amount of groundwater withdrawn each year. 145,000 gallons est.

11. The log of formations encountered in the drilling of each well if available. None

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

Signature of Owner. Gerald W. Hitchcock
Carol J. Hitchcock
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.

17692

906

215379
Copy

I received and filed this instrument for
record on the 31 day of Dec 1963
at 11:09 o'clock A.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNKE, County Recorder
By *[Signature]* Deputy
Fee \$..... Paid

11-1-63

RECEIVED

SEP 15 1959
STATE ENGINEER

T. _____ R. _____
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

X		

Owner John G. & Lillian D. Hummel Address Route 4 Rattlesnake
 Driller Glenn Camp Address 705 Alder St. Missoula, Montana
 Date Started Aug. 31, 1959 Date Completed Sept. 4, 1959
 Location: Sec. _____ T. _____ R. _____ ¼ 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: 1' Above ft. to 77' ft. Type Seabois Standard Size 6" - 19 lb 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: 42' from top feet.

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

Pumping water level 57 feet at 20 gal. per min.

How tested: Bailer

Length of test: 5 hours

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

RECEIVED
SEP 15 1959

STATE ENGINEER

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	3'	top soil
3'	62'	boulders, clay, & gravel
62'	63'	gravel, clay, carrying about $\frac{1}{2}$ gal of water
63'	74'	clay, gravel and boulders
74'	77'	gravel, some clay and water

I received and filed this document for
 record on the _____ of _____
 at 1450 Rock P. O. P.O. _____
 of Missouri County, State of Missouri
 Witness my hand
 WEDDIE B. BRIDGER, County Recorder
 By _____ Deputy
 Feb 3 1937 filed

45
 164505
 copy

File No.

T. R.

DUPLICATE

County

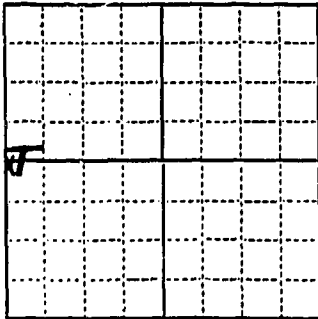
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Peter G. Jalich (Name of Appropriator), of Bozeman (Address) Missoula (Town)
County of Missoula State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



..... 1/4 Sec. T. R.

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

- 2. The beneficial use on which the claim is based Home use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. yearly 12/15/61
- 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. none
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. none
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 12/15/61
- 8. The depth of water table.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 60 ft well hand pipe 1/2" casing
- 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. Dms. or. Ho. 4 Pgs. 13, 14

Signature of Owner P. G. Jalich
Date 12/26/63

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.

617

2/14/92
1411
1411
1411

I received and filed this instrument for
record on the 14th day of February 1992
at 8:50 AM in the permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEVINS, County Clerk
By *[Signature]*
Fee \$ 2.00 \$ Paid

902 2410

March 2005
March 2005

110 911 1001 1000 88/03

12/12/91

2005

2005

NLP

File No. _____

T. _____ R. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

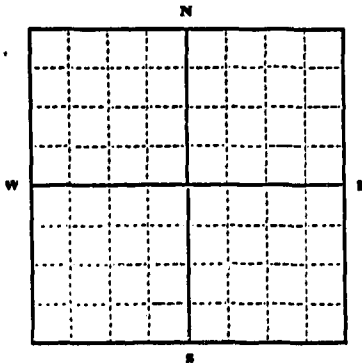
RECEIVED
JAN 3 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Howard E. & Bea Johnson, of Box 5 Cottonwood St. 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:



1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based. Amusement, Lawn & Garden use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. May 1962 Continuous

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. 2 acres in Muhlhauser
acres (4)

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 3/4 jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Construction commenced Not known
Completion May 1962

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. 1 - 52 ft. Cased driven well

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. Book 3 Page 124 Line 3

Signature of Owner. Howard E. Johnson

Date. Dec 31, 1962

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

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

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

20367

1250

DEPARTMENT
OF REVENUE

Copy

Instrument for
 31st Dec. 1963
 of permanent files
 of Montana
 Witness my hand
 By *Michael J. Schuler* County Recorder
 Deputy
 Fee \$ *2.00* Paid

File No. _____ T _____ R _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R
JAN 3 1963
STATE ENGINEER

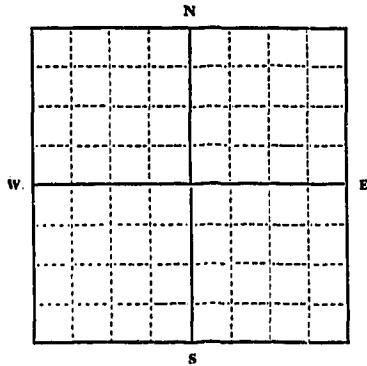
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Herman G. Kallestad, of 2624 Spurgin Rd., Missoula, 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:



1/4 Sec. T. R.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1932 and in use continuously ever since that date

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
2 1/2 Acres Dinsmore Orchard Homes # 4 E. 52

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 Unknown

8. The depth of water table 20 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 68 feet deep with 4 inch casing

10. The estimated amount of groundwater withdrawn each year Two million gallons

11. The log of formations encountered in the drilling of each well if available no information as far as I knew

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 I have no information on this

Signature of Owner _____

Date 12-31, 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.

2015

995 715 469

I received and filed this instrument for
record on the 21st of Dec 1927
at 7:45 clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand
By *William B. Hen* County Recorder
For \$ 2.00 Paid

THIS INSTRUMENT IS FILED FOR RECORD AND TO BE CONSIDERED AS SUCH BY THE MISSOULA COUNTY RECORDER TO BE FILED IN THE PUBLIC RECORDS OF MISSOULA COUNTY, MONTANA.

File No. _____

T. _____ R. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 13 1964

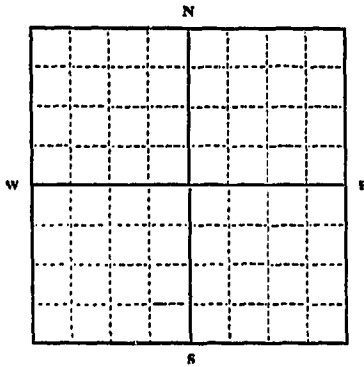
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Lawrence W. Kuey, of At. & Missoula
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 18, T. _____ R. _____

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

lots 17 to 20 } 10 lots

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 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. Lawson 10 lots

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Approximate Date 1939

8. The depth of water table. _____

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 4" pipe - 58'

10. The estimated amount of groundwater withdrawn each year. ? Lawson & house use

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 Lawrence W. Kuey

Date January 1, 1964

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

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

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

1344

215934

copy

I received and filed this instrument for
 record on the 2nd day of Jan. 1914
 at 8:34 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER, County Recorder
 By Ethel Lane Deputy

This instrument has been recorded and indexed in the
 books of records of the County of Missoula, Montana, in
 book 1344, page 215934.
 1914

File No. _____

T. _____ R. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

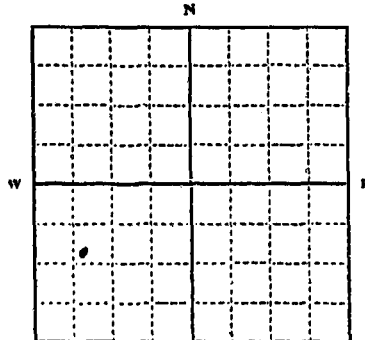
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Wm. D. Lake, of 424 So. Davis, 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:



7 1/2 - SE 1/4 - NW 1/4 - SW 1/4

1/4 Sec. _____ T. _____ R. _____
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based household and irrigation of 1/2 acre.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1949

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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 1/2 acre in garden and lawn.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal jet pump - 1/2 hp

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. 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. drilled well - 4" I.D. 11 lbs casing. 45' deep.

10. The estimated amount of groundwater withdrawn each year household and irr. of 1/2 acre.

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

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

Signature of Owner Wm D Lake

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.

608

21493F

Copy
 I received and filed this instrument for
 record on the 27 day of Dec 1967
 at 2:15 o'clock A. M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEYNER County Recorder
 By: *[Signature]* Deputy
 Fee \$ 2.00 Paid

MISSOULA COUNTY RECORDS
 1967-1968
 21493F

File No. _____

T. _____ R. _____

DUPLICATE

County _____

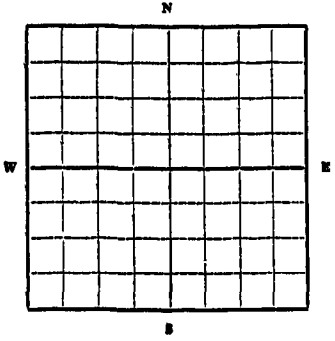
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1960)

STATE ENGINEER

1. Margaret H. Lange of B. 87 Milltown
(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:



_____ 1/4 _____ Sec. _____ T. _____ R. _____
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based Domestic
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Constant
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) approx 6.00
- 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 approx 1 acre
Margaret H. Lange
- 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 Don't know
- 8. The depth of water table Don't know
- 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 approx 97 feet depth
- 10. The estimated amount of groundwater withdrawn each year 7
- 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 Margaret H. Lange
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.

1338

215 895

copy

I received and filed this instrument as
set out on the 2nd day of July 1968
at 11:38 o'clock P.M. in Wardell City
of Blaine County, State of Montana
Witness my hand
MARTIN E. BRINKER, County Recorder
By Ethel Lane
Fee \$2.00

10

File No. _____

T. _____ R. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

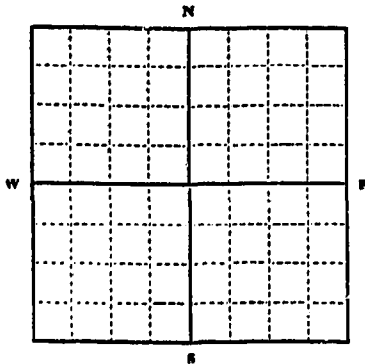
RECORDED
JAN 3 1962

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Gordon H. League of Box 27 Clinton
(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:



1/4 Sec. T. R.

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

2. The beneficial use of which the claim is based: Household and lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1942
All the time

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

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

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: constructed in Aug. 1942

8. The depth of water table: 35 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, 6 in. casing 65 ft. deep.

10. The estimated amount of groundwater withdrawn each year: 12,775 gallons per year

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

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

Signature of Owner Gordon H. League

Date Dec. 31 1962

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

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

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

20069

943 215416

⊙

I received & filed this instrument for
record on the 21st day of the 19th
at 11:30 o'clock A. M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN E. BERNER, County Recorder
By: *Martin E. Berner* Deputy
Fee \$ 2.00 Paid

File No. _____

T. _____ R. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by MSA of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level _____)

0 to 14' Old well
14' to 56' 5" Gravel, sand
clay & water

Owner Charles Lee Address 320 N. Grove St

Driller Glenn Camp 705 Alder Address Missoula, Mont

Date of Notice of Appropriation of Groundwater _____

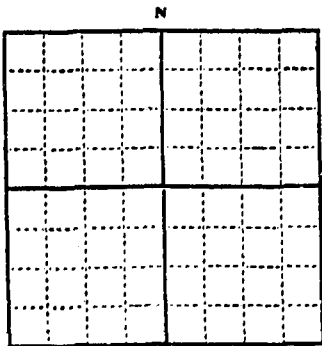
Date well started 11/2/62 Date Completed 11/7/62

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 (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	5" I.D. seamless 14 lbs to feet	2'-5" below G.L. to 54'		none		



____ 1/4 Sec. ____ T. ____ R. ____
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 12' from G.L. feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 12 feet at 100 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Air compress 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) _____

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.

20419

1300

I received and filed this instrument in
 record on the 21st day of Dec. 1867
 at 11:30 o'clock A.M. permanent filed
 of Mineral County, State of Montana
 Witness my hand and the seal of said
 County Clerk
 By *[Signature]* Deputy
 For *[Signature]* Clerk

Mineral County, Montana
 Office of the Clerk
 State of Montana
 Dec 21 1867
 11:30 A.M.
 Permanent Filed

File No.

OCT 20 1965

T. R.

DUPLICATE

Billie _____ McDermott _____
 Butzerin _____ McNulty _____
 Coyle _____ Morton _____
 Darlinton _____ Sullivan _____
 Dickert _____

County _____

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**

(Under Chapter 237, Montana Session Laws, 1961)

0 to 1' Top soil

1' to 45' Clay, gravel

& boulders

45' to 51' Clay, gravel

& water

51' to 57' Small gravel

& water (heaves)

57' to 61' Clay & water

61' to 64' Red clay

64' to 66' Gravel & water

(12 G.P.M.)

66' to 71' Clay &

gravel

71' to 73' Gravel &

water

Owner Gordon Mann Milltown Address Old highway #10

Driller Glenn Camp 705 Alder Address Missoula, Mont

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

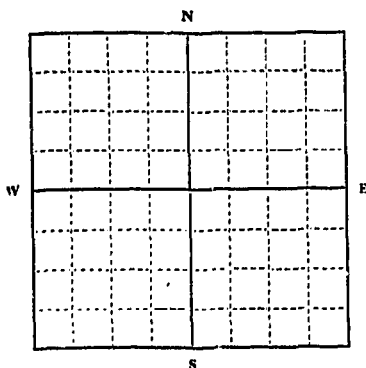
Date well started 8/26/65 Date Completed 8/31/65

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)
5"	6" I.D.	1' above G.L.				
		17' to 73'		None		



1/4 Sec. T. R.
 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 50 feet.

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

Pumping Water Level 50 feet at 12 gal. per minute.

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

How Tested Test Pump Length of Test 1 hour

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).....

Licence # 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.

01532

242685

I received and filed this instrument for
 record on the 18 day of Oct 19 1906
 at 9:30 o'clock A.M., permanent files
 of Missoula County, State of Montana

Witness my hand:
 Clarence R. Crouse, County Recorder
 By Edward A. Ramsey, Deputy
 Fee 2.00 Paid

STATE WATER COMPLETION BOARD

NOV 1906

Each year I pay for my property
 Special Assessment for Electric Light
 Each year I pay for my property

NLD

T. _____ R. _____
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Block 7

	14	

Owner Lee & Roy Anglin Maroon Address Hilltown
 Driller Glen Camp 705 Alder Address Missoula, Montana
 Date Started Feb 21, 1961 Date Completed Feb 23, 1961
 Location: Sec. 14 T. 7 R. _____ ¼ sec. _____

RECEIVED
 MAR 13 1961
 STATE ENGINEER
 Missoula, Montana

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: 4" 8' below ground level to 91' 1/2" seamless 14 lbs. per foot 5" I.D.

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: 81' from ground level _____ feet.

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

Pumping water level 81 feet at 15 gal. per min.

How tested: Baller

Length of test 1/2 hours

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

(over)

File No.

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

QUADRUPLICATE

County.....

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

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

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

16 CLAY
22 CLAY Gravel
41 SAND + Gravel water
34 SILTY SAND
112 SAND + water
153 SAND + CLAY
163 Gravel + water
Bottom 100' from
ground level

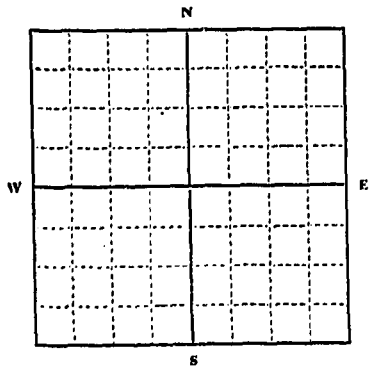
..... 1/4 Sec..... T..... R.....
Indicate location of well and
place of use, if possible. Each
small square represents 10 acres.

Show exact depth of bottom.

Owner..... *Mallins* Address..... *Franklin*
 Driller..... *John Farrell* Address..... *Bozeman*
 Date of Notice of Appropriation of Groundwater.....
 Date well started..... *Nov 5, 1963* Date Completed..... *Nov 8, 1963*
 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)



Static Water Level for non-flowing Well..... *25'* feet.
 Shut-in Pressure for Flowing Well..... *N/A*
 Pumping Water Level..... *29'* feet at..... *10* gal. per minute.
 Discharge in gal. per min. of flowing well..... *N/A*
 How Tested..... *Surf* 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).....

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.

726

215135-

Capp
I received and filed this instrument for
record on the 24th day of *Dec*, 1963
at 11:25 o'clock *A.M.* permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BRINER, County Registrar
By *Martin S. Briner*
Fee \$ 2.00

GW 2

File No.

DUPLICATE

RECEIVED
FEB 14 1964

State Publishing Co., Helena, Montana—39318

T. _____ R. _____
County Missoula

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

RECEIVED
DEC 13 1963

Notice of Completion of Groundwater Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Owner Dr. W.J. McKinstry Address 424 King

Driller Glenn Camp 705 Alder Address Missoula, Mont

Date of Notice of Appropriation of Groundwater _____

Date well started 4/18/63 Date Completed 4/19/63

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

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

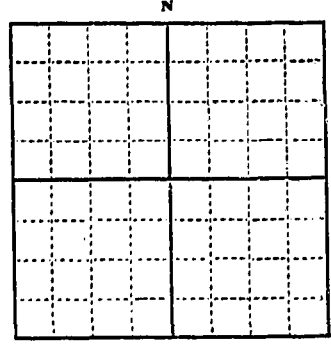
0 to 2' Sandy Top soil
2' to 5' Sand & gravel
5' to 25' Sand, gravel & water

35'-00"

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

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind and Size	From (Feet)	To (Feet)
6"	6" I.D. seamless 19lbs	0.L.	to 24'-2"	None		



Static Water Level for non-flowing Well 4'-10" from 0.L. feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 5' feet at 60 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, 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) _____

License # _____
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.

8935

388

214133

Copy
 I received and read this instrument for
 record on the 11 day of Dec 1912
 at 8:15 o'clock A.M., permanent time
 of Missoula County, State of Montana
 Witness my hand:
MARTIN S. BEHNER, County Secretary
 By Martin S. Behner Deputy
 Fee \$ 2.00 Paid

Free Index Serial	Cost Assessing Fees	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922

PLEASE PRINT NAME AND ADDRESS OF PARTY TO WHOM THIS INSTRUMENT IS ISSUED

GW 2 ^{413'}

File No.

DUPLICATE

Location?
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FEB 14 1964

State Publishing Co., Helena, Montana-41933

T. R.

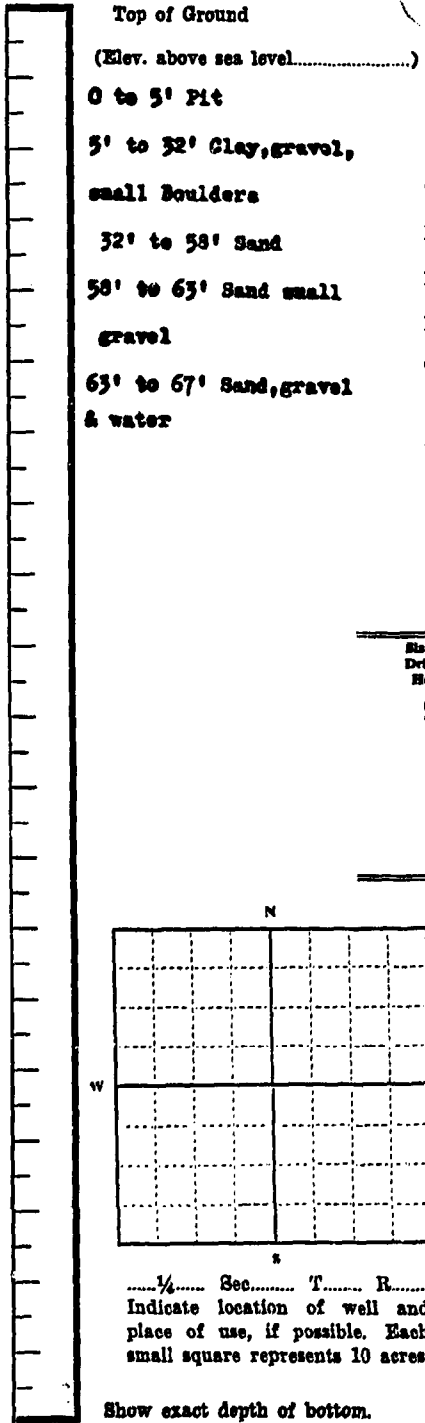
County Missoula

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

DEC 17 1963

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner Ethel Miles Address Filtville, Mont

Driller Glenn Camp 705 Alder Address Missoula, Mont

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

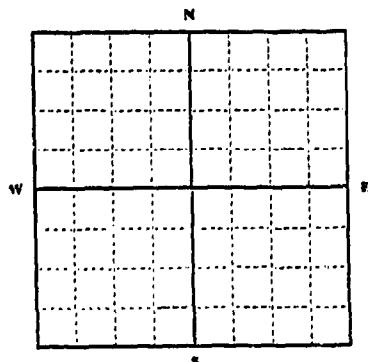
Date well started 6/1/59 Date Completed 6/4/59

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)
5"	5" I.P. 14 lbs to foot	5' below G.L. to 59'-7"		None		



1/4 Sec. T. R.
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 26' feet.

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

Pumping Water Level 26 feet at 35 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, 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.

9702

~~413~~
413

214339

copy

I received and filed this instrument for
record on the.../...day of...Oct....1963
at 10:27 o'clock A.M. permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER County Recorder
By [Signature] Deputy
Fee \$ 2.00 Paid

File No. _____

T. _____ R. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963

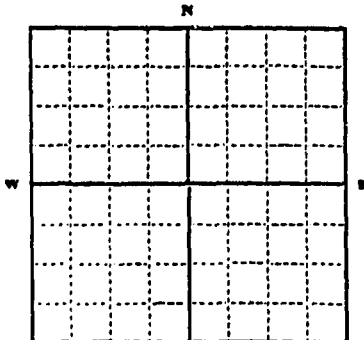
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Chester M. Murphy of 714 City Drive 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:



1/4 Sec. _____ T. _____ R. _____

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

2. The beneficial use on which the claim is based Domestic Water Pump

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 26 years, consistent for home and yard use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 Gallons per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1937

8. The depth of water table 35'

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 Type, case, Size, 3", Depth 35'

10. The estimated amount of groundwater withdrawn each year Continuous domestic use for two homes.

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 714 City Drive

Signature of Owner _____

Chester M. Murphy
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.

419

574 319 Dec 63
By Mat. J. Holm Deputy
226

C

File No.

T. R.

DUPLICATE

County Missoula

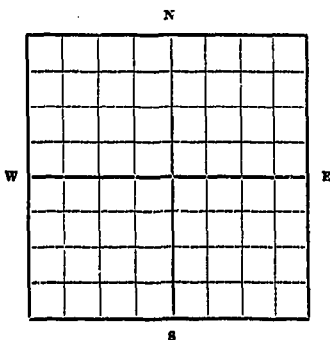
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

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

1. Ray J. Helen M. Nelson, of Box 474 BENNER
(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:



..... 1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based Household uses AND DRINKING

3. Date or approximate date of earliest beneficial use; and how continuous the use has been MAY 15 1958
THE WELL HAS BEEN USED CONTINUOUSLY SINCE

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5.8"

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 .23 of an acre

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 3/19/58 to 5/15/58

8. The depth of water table 5.8"

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 has a concrete well and it is 20 ft deep and it is 6.26-20

10. The estimated amount of groundwater withdrawn each year 12,000 gallons

11. The log of formations encountered in the drilling of each well if available None

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

Signature of Owner Ray J. Nelson

Date 12/26/63

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.

634

214995

Copy

I received and filed this instrument for
 record on the 27 day of Dec 1968
 at 2:45 o'clock P.M., permanent files
 of Missouri County, State of Missouri
 Witness my hand:
 MARTIN S. BEHNER, County Recorder
 By [Signature]
 Fee \$ 2.00 Paid

MISSOURI COUNTY RECORDS DEPARTMENT
 MISSOURI COUNTY, MISSOURI
 REC'D BY MAIL DEPT. OF REVENUE
 JAN 1 1969
 A T 1968
 MISSOURI COUNTY RECORDS DEPARTMENT
 MISSOURI COUNTY, MISSOURI
 REC'D BY MAIL DEPT. OF REVENUE
 JAN 1 1969
 A T 1968

File No.

T. R.

DUPLICATE

County

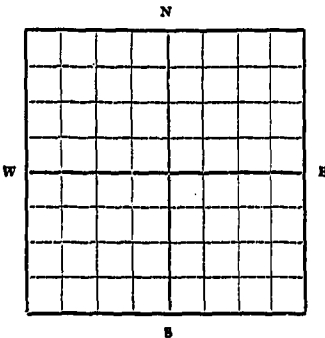
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

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

STATE ENGINEER

1. John E. Nelson of Route 1, 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:



..... 1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based Domestic and Irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well #1 in 1917; Well #2 1954.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute from each 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 Approximately 1 acre of land surrounding each well; which land is used for lawn and garden.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well #1 1917 drilled in 1949; Well #2 1954.

8. The depth of water table 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 Well #1, a one inch pipe in a 4 inch casing 72 feet deep; Well #2, a one inch pipe in 5 inch casing 72 feet deep.

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

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

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

Signature of Owner John E. Nelson

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.

527

214 839

I received and filed this instrument for
 record on the 20th day of Dec 1907
 at 11:15 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 M. W. B. BISHOP, County Recorder
 By M. W. B. Bishop Deputy
 Fee \$ 2.00 Paid

C.

-draw not active until to show New Bill to appropriate ...
 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130
 MISSOULA COUNTY RECORDER

File No.

T. R.

DUPLICATE

Surface water?

County **RECEIVED**

JAN 3 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... The year 1896

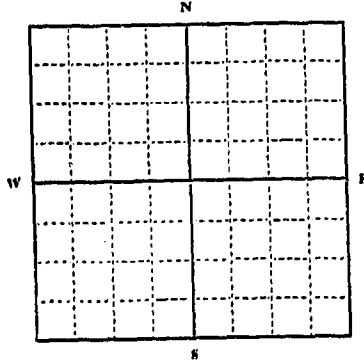
Owner Orchard Homes Ditch Company
Address

Contractor (if any) *No*

Address of Contractor

Date Started... 1896 Date Completed... before 1900

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water is obtained by gravity flow from the south bank of Clark Fork River 500 feet east of Orange Street bridge in the city of Missoula.



..... 1/4 Sec. T. R.

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

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

estimate approximate lengths of periods of use. The Company

takes approximately 2000 inches of water

seven (7) months of the year for irrigation.

The Orchard Homes Ditch Co. irrigates approximately three (3) square miles of land located north of third street, and south of the Clark Fork River in the area known as Orchard Homes, Missoula, County.

Signature of Owner *Vernon Sautter*

Date December 30 1963

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

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

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

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

20065

924

215397

Copy

I received and filed this instrument for
record on the 31 day of Dec 1963
at 11:32 o'clock A.M., permanent files
of Missoula County, State of Montana
Witness my hand
MARTIN F. BEHNER, County Recorder
By *M. F. Behner* Deputy
Fee \$ 2.00 Paid

File No. _____

T. _____ R. _____

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

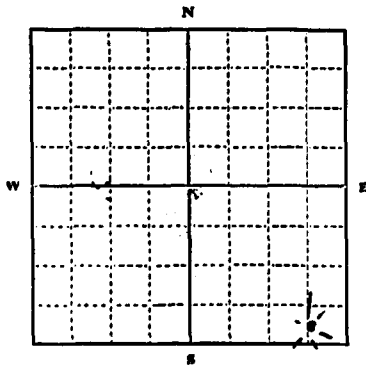
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John C. Ott and Lorraine E. Ott of Box 625 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:



1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based Home - Garden - lawn -

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 1/2 gpm

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1/4 Acre - John C. Ott & Lorraine E. Ott

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 1935

8. The depth of water table 25 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater hand dug - cut with 3 ft cement casing

10. The estimated amount of groundwater withdrawn each year 1/2 acre foot

11. The log of formations encountered in the drilling of each well if available Don't know

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

Signature of Owner John C. Ott

Date Dec 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.

1162

I received and filed this instrument for
record on the 21 day of Dec 1963
at 6:25 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand
By Marie A. [Signature] Deputy Recorder
Fee \$ 2.00

File No. _____

MONTANA WATER RESOURCES BOARD

T. _____ R. _____

TRIPPLICATE

RECEIVED

County Missoula

LOG

AUG 29 1969

STATE 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--14' Existing hole

8" Static water level

14--28' Sand, gravel,
and water

28--32' Clay--sand,
and gravel

32--40' Sand, gravel
and water

40' exact depth of bottom use:

Owner John F. Piquetta Address Flower, Montana

Driller CKC Drilling Address Box 670, Missoula

Date of Notice of appropriation of groundwater _____

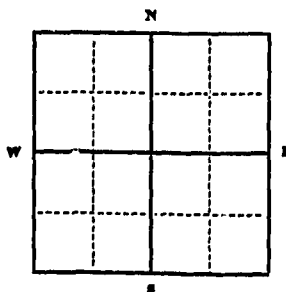
Date well started August 23, 1969 Date completed August 23, 1969

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

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" 17#	0	40	Burred 4" x 1/8"	20'	40'



Static Water Level for non-flowing well 8' feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 15' feet
at 100+ gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested PUMP

Length of Test 3 hrs.

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

1/4 Sec. T. R.

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

185

Driller's License Number _____

Charles W. McKeown
Driller's Signature.

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

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

45570

41927

284194

I received and filed this instrument for
record on the 27 day of Aug, 1969
at 1:30 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand.
Veronica B. Clough, County Recorder
By Keith H. Smith, Deputy
Fee \$ 2.00 Paid Cash

MISSOULA COUNTY RECORDER
1969

File No. _____
DUPLICATE

RECEIVED
MAY 20 1964

Approved Blank Form—State Publishing Co., Helena, Montana—G234

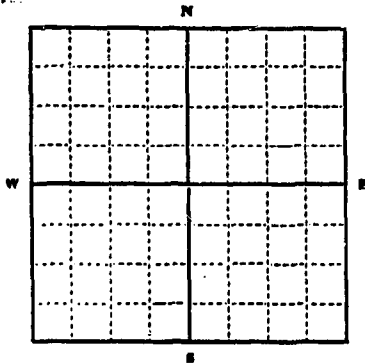
T. _____ R. _____
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

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

I, C. P. Pitts, of Route 4, of Missoula, Montana (Town)
(Name of Appropriator) (County) (State of)
County of Missoula State of _____
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



_____ 1/4 _____ Sec. _____ T. _____ R. _____
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- The beneficial use on which the claim is based
for motel
- Date or approximate date of earliest beneficial use; and how continuous the use has been
1957 and used continuously since.
- The amount of groundwater claimed (in miner's inches or gallons per minute)
unable to determine
- 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 half acre
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
well with electric pump.

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1957
- The depth of water table
108 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
108 feet depth - 1 1/2" pipe
- The estimated amount of groundwater withdrawn each year
unable to determine
- The log of formations encountered in the drilling of each well if available
not available
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner C. P. Pitts
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.

20358

1279

215757

Copy
I received *copy of* this instrument for
record on the *21st* of *Dec.* 19*63*
at *258* o'clock *PM* permanent files
of *Missoula* County, State of *Montana*
Witness my hand:
County Recorder
By *Martha A. Roberts* Deputy
Fee \$*2.00* Paid

RECORDED BY 215757

File No. _____

T. _____ R. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

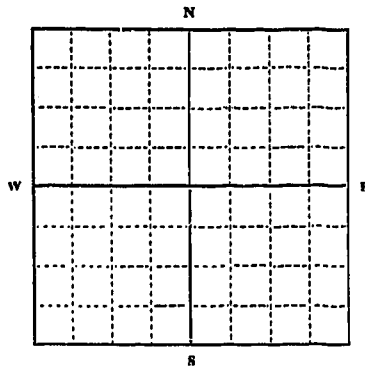
RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Dennis E Pleasant, of Box 529 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:



1/4 Sec. T. R.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Oct 20 - 1961
Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 150 gals per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. used to irrigate 1/2 acre of lawn

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. Oct 1961

8. The depth of water table. 32 Feet

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

One horse electric pump
Sixty Four Feet - depth of the well

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

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

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

Signature of Owner

Dennis E Pleasant

Date 12-26-63

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.

15235

633

214994

Copy
 I received and filed the instrument for
 record on the 27 day of Dec 1963
 at 1:40 o'clock P.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

This instrument is hereby acknowledged to be the act and deed of the above named party and is duly recorded and indexed in accordance with the provisions of the laws of the State of Montana.
 MISSOULA COUNTY CLERK
 MISSOULA, MONTANA

File No. _____

T. _____ R. _____

DUPLICATE

County _____

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECEIVED
 JAN 3 1963

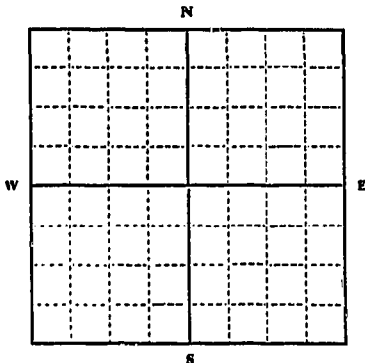
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Don L Rice, of 310 W Curtis 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:



$\frac{1}{4}$ Sec 3 T. 19 R.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 1953 - continuous
use since 9

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

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 - mostly lawn
some garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 1953

8. The depth of water table 12'

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 depth 49' 6" casing

10. The estimated amount of groundwater withdrawn each year ? unknown

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 ? unknown

Signature of Owner D L Rice
 Date Dec 21, 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.

20.08

987 215461

I received and filed this instrument for
record on the 31st day of Dec 1953
at 7:18 o'clock P.M. permanent files
of Missoula County, State of Montana
Witness my hand
MARTIN S. BOHNER, County Recorder
By *Mart A. Baker* Deputy
Fee \$ 2.00 Paid

GW

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File No. _____

T. 13^N R. 59^W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1968

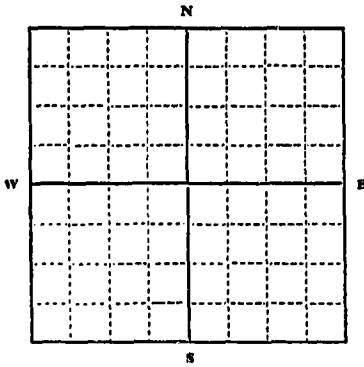
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

William P. & Agnes P. Kinsel, of 908 So. Grove, 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:



1/4 Sec. T. 13 R. 59

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

plot 67 - 2 acres
plot 68 - 3 acres

- The beneficial use on which the claim is based. household purposes
- Date or approximate date of earliest beneficial use; and how continuous the use has been. well drilled by Henry Camp well driller in February 1 - 1958
- The amount of groundwater claimed (in miner's inches or gallons per minute). Don't know
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. not generally used for irrigation
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 4 deep wells, electric pump pressure system
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Feb. - 1958
- The depth of water table. Don't know
- 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 wells 50 feet
only one well - well sealed
- The estimated amount of groundwater withdrawn each year. 20,000 gallons
- The log of formations encountered in the drilling of each well if available. not available
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. don't know

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.

20452

1333

19

copy

I received and filed this instrument for
record on the 2 day of Jan, 1964
at 11:24 o'clock A.M., permanent files
of Nitroville County, State of Montana
Witness my hand:
MARTIN S. BIRNIE, County Recorder
By Ethel Lane, Deputy
Fee \$ 2.00 Paid

File No.

T. R.

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

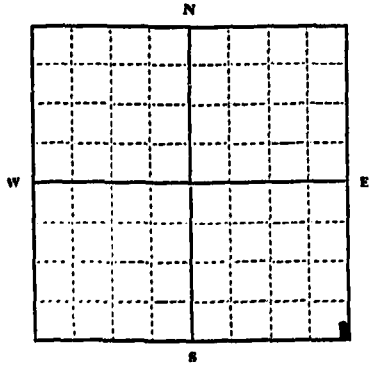
RECEIVED
JAN 3 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

A. R. & Helen M. Sherman of 2504 So 3rd St West 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:



1/4 Sec. T. R.

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 and irrigation
- Date or approximate date of earliest beneficial use; and how continuous the use has been about 1943 - 20 yrs constant use
- The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gal 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 lawn and garden 1/4 acre
A. R. Sherman
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump well in the basement of the main house
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater about 1943
- The depth of water table 17 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 65 ft deep 6" casing
- The estimated amount of groundwater withdrawn each year 900,000 gal
- The log of formations encountered in the drilling of each well if available not available
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available

Signature of Owner A. R. Sherman
Helen M. Sherman
Date Jan 2, 1964

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

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

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

1334

20

copy

I received and filed this instrument for
 record on the 2 day of Jan 1964
 at 8:36 o'clock A.M. pursuant to the
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BIPINER, County Recorder
 By Ethel Lane Deputy
 \$ 2.00 Paid

RECORDED

1964

File No.

T. Missoula R.

DUPLICATE

County

RECEIVED
MAY 19 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE 1963
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

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

0 to 4' Top soil Owner George J. Sherwood Address 440 Edith

4' to 17' Clay & gravel Driller Glenn Camp 705 Alder Address Missoula, Mont

17' to 58' Sand, gravel Date of Notice of Appropriation of Groundwater.....

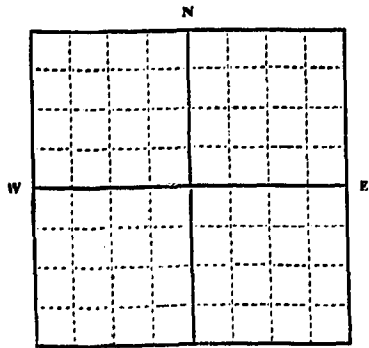
and water Date well started 5/27/63 Date Completed 5/30/63

58' to 62'-2" Gravel Type of well Drilled Equipment Used Churn Drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

sand & water 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)
5"	5" I.D. 14 lb. seamless	1' above G.L. to 63'-2"		none		



..... $\frac{1}{4}$ Sec..... T..... R.....
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 42' from G.L. feet.

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

Pumping Water Level 16 feet at 20 gal. per minute.

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

Compressor test 75 G.P.M.

How Tested Miller test Length of Test 2 hours

20 G.P.M. 2' of D.D.

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

7
Licence #
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.

#217 Copy
208521

I received and filed this instrument for
record on the 17 day of July, 1963
at 1:30 o'clock P.M., Perennial files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By Chas. M. Carver, Deputy
Fee \$ 2.00 Paid

MISSOULA COUNTY RECORDS
RECORDED
INDEXED
FILED
JUL 17 1963
M. S. BEHNER, COUNTY RECORDER
CHAS. M. CARVER, DEPUTY

File No.

DUPLICATE

RECEIVED
DEC 16 1963

T. R.

County Missoula

STATE ENGINEER RECEIVED
DEC 10 1963

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

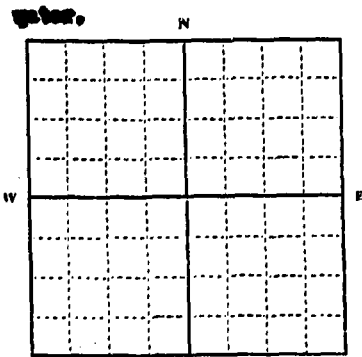
Top of Ground
(Elev. above sea level.....)

0 to 16' sandy clay
16' to 18' silty clay
& gravel
18' to 45' Clay & gravel
45' to 49' sand & small
gravel
49' to 53' Sandy clay
53' to 64' Clay & hard gravel
64' to 66' Sand & gravel
66' to 67' Clay & sticky
Gravel

Owner Ralph Spurlock Address Linda Vista
Driller Glenn Camp 705 Alder Address Missoula, Mont
Date of Notice of Appropriation of Groundwater.....
Date well started 1/17/61 Date Completed 1/27/61
Type of well Drilled Equipment Used Shurco 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	From (Foot)	To (Foot)
6"	6" I.D. 18.97 lbs to foot		3'-5" above			
	Seamless		C.L. to 105'	None		



..... 1/4 Sec. T. R.
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 48'-6" from C.L. feet.

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

Pumping Water Level 22 feet at 55 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.

377

213 990

I received and filed this instrument for
 record on the 9 day of Dec, 1952,
 at 3:05 o'clock P.M., pursuant to the
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER, County Recorder
 By Walter J. Carter, Assistant Deputy
 Fee \$ 2.00 Paid

RECORDED
 INDEXED
 NOV 10 1952
 MISSOULA, MONTANA



Missoula County

Office of the

Clerk and Recorder

Martin S. Behner
Clerk and Recorder

DOROTHY HEAD
Chief Deputy

PHONE 542-2023

COUNTY COURT HOUSE

P. O. BOX 1422

MISSOULA, MONTANA

December 13, 1963

RECEIVED
DEC 16 1963

State of Montana
State Engineer
Sam W. Mitchell Building
Helena, Montana

STATE ENGINEER

ATTN: Donald D. Sullivan

Dear Sir:

In reply to your letter of the 12th concerning GW-2 forms which did not have the locations indicated, we have checked the originals and find that Ralph Spurlock, your No. 8277, did not have the location on the original. However, Art Thompson, your No. 8270, had the location as SE 1/4, Sec. 17, T. 13, R. 18.

Yours very truly,

MARTIN S. BEHNER
County Clerk & Recorder

MSB:vb

Encl. 2

File No.

T. R.

DUPLICATE

County

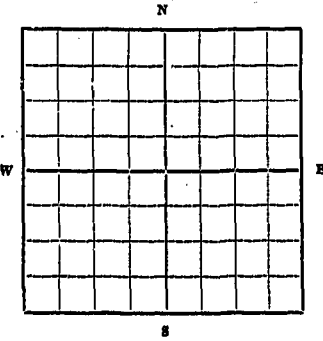
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963

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

1. Lorense H. Starte of Rt 4 ZAGG DR. 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:



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

2. The beneficial use on which the claim is based 4 houses
lawn and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Jan 1958 all the time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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 1 garden and lawn for 4 houses

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 second pump 1/4 L.F.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Jan of 1958

8. The depth of water table 71' from G.L.

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" I.D. seamless casing, drilled well, 96' deep.

10. The estimated amount of groundwater withdrawn each year 4 houses, lawn and garden

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

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

Driller Glenn Camp
705 Alder, Missoula License # 7

Signature of Owner Lorense H. Starte

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.

722

215131

Copy

I received and filed this instrument for record on the 20 day of Dec, 1908 at 11 o'clock A.M., permanent file of Missoula County, State of Montana

Witness my hand:

MARTIN S. BEINER, County Recorder

By Martin S. Beiner

Fee \$ 2.00 Paid

I have received and filed this instrument for record on the 20 day of Dec, 1908 at 11 o'clock A.M., permanent file of Missoula County, State of Montana

Witness my hand:

MARTIN S. BEINER, County Recorder

By Martin S. Beiner

Fee \$ 2.00 Paid

I have received and filed this instrument for record on the 20 day of Dec, 1908 at 11 o'clock A.M., permanent file of Missoula County, State of Montana

Witness my hand:

MARTIN S. BEINER, County Recorder

By Martin S. Beiner

Fee \$ 2.00 Paid

T. _____ B. _____

County _____

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECEIVED
 JAN 3 1964

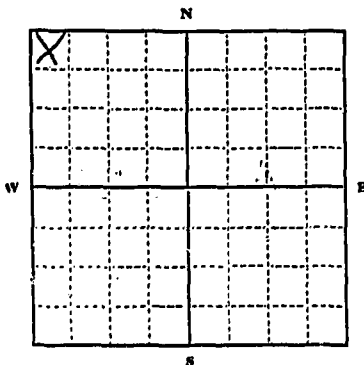
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Geo. D + Lillian I. Swartz of 1645 Wyoming St. 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:



$\frac{1}{4}$ Sec. 1, T. 23R.

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 House and Irrigation of Land

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1"

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 1/2 of acre

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Completion 1946

8. The depth of water table 4.0 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 1/2 H.P. Motor Well 6.0 deep run two 1/2 inch hose

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 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 Book 4 Page 87 Line 12

Lot 1 Block 23 File 1 to 20 Incls

Signature of Owner George D. Swartz
 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.

1047

215522

I received and filed this instrument for
 record on the 1 day of Dec 1963
 at 4:22 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER, County Recorder
 By *James* Deputy
 Fee \$ 3.00 Paid

This document is a true and correct copy of the original as filed in the office of the County Recorder of Missoula County, Montana.

0

File No.

T. R.

TRIPPLICATE

County

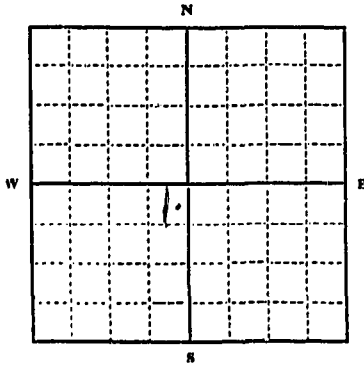
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 17 1964

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

STATE ENGINEER

1. Arthur B. Swigert of 2500 1st 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:



1/4 Sec. T. R.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1-9-65 for 9 years

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 1955

8. The depth of water table 75 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 1 H.P. Motor driven well

10. The estimated amount of groundwater withdrawn each year 18,000 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

Signature of Owner Arthur B. Swigert

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 Quaduplicate for the Appropriator.

3496.8

1391

21730A

I received and filed this instrument for
record on the 19 day of July 1964
at 1:14 o'clock P.M. permanent files
of Missoula County, State of Montana
Witness my hand:
M. A. BEHNER, County Recorder
By Ethel Lane Deputy
\$12.00 Paid

61

Let 3m Curtis Major Addition
T. R.

File No.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1958

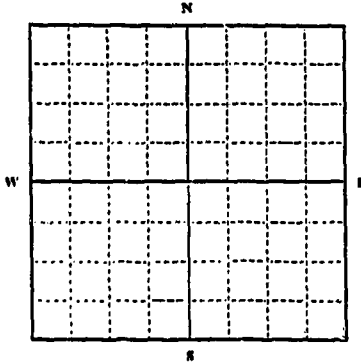
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Madeline H. Staves & Roy A. Staves of 203 North Curtis Street 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:



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

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

2. The beneficial use on which the claim is based Private use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been approx. 1925, continuously to date for household and irrigation purposes.

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

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 138 feet by 624 feet

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 unknown

8. The depth of water table 18 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 driller well, 35 feet deep

10. The estimated amount of groundwater withdrawn each year unknown

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 Book 231 page 476

Roy A. Staves
Madeline H. Staves
Signature of Owner

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.

693

215097

I received and filed this instrument for
 record on the 30 day of June 1962
 at 11:30 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER County Recorder
 By White Deputy
 Fee \$ 2.00 Paid

GW

File No.

T. R.

DUPLICATE

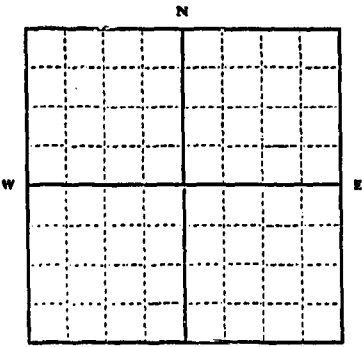
County

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. John Summerfeld of 1272 South First Street West
(Name of Appropriator) Missoula, Montana (Rt. 17)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



46 47 48 4
1/4 Sec. T. R.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1940, continuous well drilled in 1939

4. The amount of groundwater claimed (in rainer's inches or gallons per minute) 300 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 9010 square feet, lawn and garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 53 foot well manned by a 900 gallon per minute electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well drilled in 1939 and manned by hand pump until 1940 when a 900 gallon per minute electric pump installed

8. The depth of water table 50 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 53 foot well with 5 inch casing manned by a 900 gallon per minute electric pump capable of continuous operation during the growing season

10. The estimated amount of groundwater withdrawn each year 100,000,000 gallons of water

11. The log of formations encountered in the drilling of each well if available as best I remember the formation is as follows: 5 feet sandy loam; 35 feet gravel; layer of hardpan; 5 feet gravel; layer of hardpan; 5 feet gravel; hardpan; 3 feet 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 available.

Signature of Owner John Summerfeld
Date Dec. 30, 1963

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

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

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

425

215134

I received and ~~filed~~ ^{deposited} this instrument for
record on the 30 day of Dec 1965
at 11:28 o'clock A. M., permanent files
of Missouri County, State of Missouri
Witness my hand:
MARTIN S. BEHNER, County Recorder
By Martin S. Behner
Fee \$ 0.00 Paid

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.

Clyde Mor Marion & Webster

Owner Trail Realty
403 No Curtis
Address Bad Lake Village

Missoula, Montana

Date well started June 2, 1973

completed June 7, 1973

For Administrator's Use	
File	<u>PSYK 33414</u>
Date	<u>June 28, 1973</u>
GW 1	<u>1:20 p.m.</u>

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

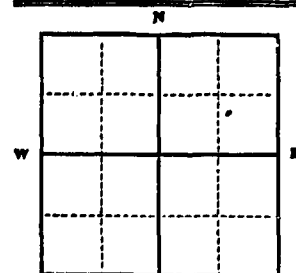
Equipment used Churn Drill
(Churn drill, rotary or other)

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 2 million gallons

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
<u>6"</u>	<u>6" 17#</u>	<u>1 1/2 up</u>	<u>121</u>	----	----	----



w 1/2

SE 1/4 NE 1/4 Sec.
T. _____ N R. _____ E
S W

Static water level 91 ft.*
Pumping water level 99 ft.*
at 15 gallons per minute,
measured 90 minutes after pumping
began.
*Measured from ground level.
Well developed by bailer
for 3 hours.
Power ---- Pump ---- HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) _____

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

Driller's Signature Charles Wilkinson

Driller's Address G.K.C. Drilling, PO Box 670,

Missoula, Montana LICENSE NO. 185

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 (Foot)	To (Foot)	
0	26	Clay
26	60	Sand, gravel, & clay
60	71	Clay
71	79	sand, & clay
79	91	Clay
91	91	Static water level
91	107	Sand & clay
107	109	sand, gravel, clay and water
109	120	clay and sand
120	121	sand, gravel and water

121 feet Show exact depth of bottom

2546

334140

I received and filed this instrument for record on the 28 day of June 1973 at 1:20 o'clock P. M., permanent files of Missoula Co. Inty, State of Montana. Witness my hand: Dorothy L. Head, County Recorder By M. M. Covington Deputy Fee \$2.00

MISSOULA COUNTY RECORDS

RECORDED

INDEXED

FILED

JUN 28 1973

MISSOULA, MONTANA

MISSOULA COUNTY RECORDS

RECORDED

INDEXED

FILED

JUN 28 1973

MISSOULA, MONTANA

MISSOULA COUNTY RECORDS

RECORDED

INDEXED

FILED

JUN 28 1973

MISSOULA, MONTANA

NO.	DATE	DESCRIPTION	AMOUNT
101	1973	RECORDED	
102	1973	INDEXED	
103	1973	FILED	
104	1973	RECORDED	
105	1973	INDEXED	
106	1973	FILED	
107	1973	RECORDED	
108	1973	INDEXED	
109	1973	FILED	
110	1973	RECORDED	
111	1973	INDEXED	
112	1973	FILED	
113	1973	RECORDED	
114	1973	INDEXED	
115	1973	FILED	
116	1973	RECORDED	
117	1973	INDEXED	
118	1973	FILED	
119	1973	RECORDED	
120	1973	INDEXED	

NLD

T. _____ R. _____
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUL 7 1958

WATER WELL LOG

STATE ENGINEER

Owner Whitenberg Building Address Missoula, Mont.

Driller Bill Preston Address Leola, Mont.

Date Started May 16 - 58 Date Completed May 25 - 58

Location: Sec. _____ T. _____ R. _____ 1/4 sec. Spurgin rd Orchard Ave

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: 0 ft. to 64 ft. Type _____ Size 6 in standard pipe

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: 20 feet.

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

Pumping water level: 22 feet at 120 gal. per min.

How tested: With air

Length of test: 2 hours

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

(over)

File No. _____

T. _____ R. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

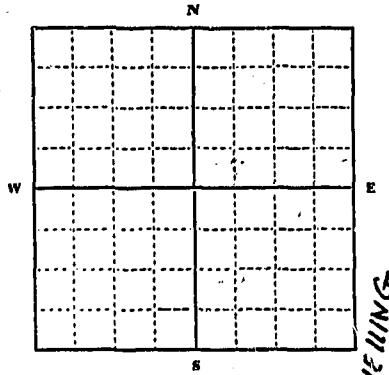
RECEIVED
STATE ENGINEER

Declaration of Vested Groundwater Rights 3 1963

(Under Chapter 237, Montana Session Laws, 1960)

1. Frank R Wohlschliger, of Patee Canyon 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:



1/4 Sec. T. R.

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

- 2. The beneficial use on which the claim is based House hold
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1954
Continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) (one) 1 gal
- 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
Doesn't Apply
- 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
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Started 1953 finished about 1954
- 8. The depth of water table. 8 feet
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
6 ft below ground 12 ft deep from basement which is 30 inch diameter - cemented
- 10. The estimated amount of groundwater withdrawn each year. 180,000 gal
- 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 Frank R Wohlschliger
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.
20343

1211

Copy
I have and the instrument
recorded *743 71* in the
of *De* permanent files
of Missoula County, State of Montana
Witness my hand
County Recorder
Master A. B. Baker Deputy
Paid

1907

File No.

DUPLICATE

No. 102-110
OK

T. R.

County **Blaine**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

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

Notice of Completion of Groundwater Appropriation by Means of Well

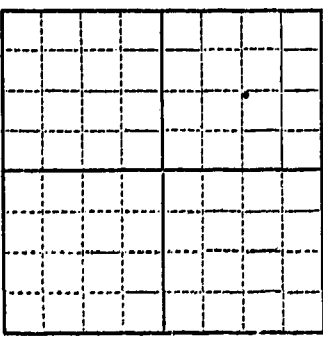
(Under Chapter 237, Montana Session Laws, 1961)

0 to 4'-6" Pit
4'-6" to 44' Clay
44' to 62' Clay, gravel
and sand
62' to 63' Heaving sand
63' to 69' Gravel & Clay
69' to 77' Sand, a little
gravel
77' to 87'-5" Sand, gravel
and water

Owner **J.R. Zander** Address **Florence, Mont**
Driller **Glen Camp 705 Alder** Address **Missoula**
Date of Notice of Appropriation of Groundwater.....
Date well started **6/9/62** Date Completed **6/14/62**
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 (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5" I.D.	14 lbs seamless	8" from bottom of pit to 83'-3"	none			



1/4 Sec. T. R.
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 **48' from G.L.** feet.
Shut-in Pressure for Flowing Well.....
Pumping Water Level **51'** feet at **35** gal. per minute.
Discharge in gal. per min. of flowing well.....
How Tested **bailer** 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

Glen 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.

140

195455

I received and filed this instrument for
 record on the 22nd day of July, 1968
 at 2:37 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
MARTIN S. BEHNER, County Recorder
 By Mary Shalaky, Deputy
 Fee \$ 1.00 Paid

MISSOULA COUNTY CLERK
 MISSOULA, MONTANA

Office

Building

Room

Number

Street

Date

Received

Notes or etc

Signature

MISSOULA COUNTY CLERK
 MISSOULA, MONTANA

N.L.D.
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

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.

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 BRUCE ZEMLIŠKA

Address

MUSON, MONTANA

Date well started AUG. 4, 1971

completed AUG. 6, 1971

Type of well DRILLED

Equipment used CHURN

Water Use: Domestic Municipal Stock Irrigation

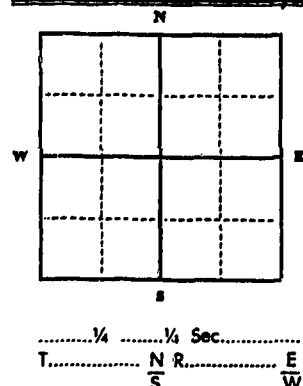
Industrial Drainage Other Garden/Lawn

*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" I.D. 5/8" O.D. 17 lbs. 1/4" side-wall 33' deep	5 1/2" x 5 1/2" O.D. 17 lbs	ground level	50'	none	none	none



Static water level 11 ft.*
Pumping water level 48 ft.*
at 2 gallons per minute,
measured 90 minutes after pumping began.
*Measured from ground level.
Well developed by ball test
for 4 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0L	2'	top soil
2'	10'	tan clay and boulders
10'	19'	tan clay, sand and gravel
19'	20'	sand, gravel and water
20'	47'	gray clay and gravel
47'	50'	blue clay

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

Driller's Signature Leo A. House

Driller's Address 740 TURNER ST. BOULDER, MONTANA

LICENSE NO. 193

50 ft. Show exact depth of bottom

1

49, 908

#2236 313012

I received and filed this instrument for
record on the 22nd day of Feb. 1972
at 11:32 a.m. C. M. Dickinson, Clerk
of Missouri County State at Mountain
Witness my hand
Vernon A. Crease County Recorder
By Charles J. Smith Deputy
Fee 25 Cents Paid

Department of Natural Resources and Conservation
Water Resources Division
Engineering Bureau
Groundwater Section
Sam W. Mitchell Building
Helena, Montana 59601

Owner Bruce Zemliska
Address Huson, Montana 59846
Location T. R. Sec.
Doc. No. #0236, 31317

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide, as indicated in red on the enclosed form, the complete location of the well by Township, Range and Section.

Thank you.

*Sent on
4/11/72*

49,908

GW 2

File No.

DUPLICATE

RECEIVED

FEB 14 1964

R

STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER DEC 13 1963

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

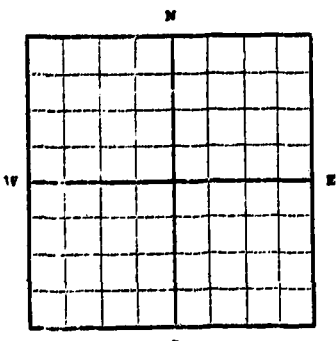
Top of Ground
(Elev. above sea level.....)

0 to 6' pit
6' to 34' Clay & ~~shale~~
34' to 48' Clay & boulders
48' to 67' Clay
67' to 70' Sand with some water
70' to 81' Gravel & Clay
81' to 97' Sand gravel with waters lot of clay
97' to 108' Sand, gravel & water

Owner Jerome Sontner Address Milltown, Montana
 Driller Glenn Camp 705 Alder Address Missoula, Mont
 Date of Notice of Appropriation of Groundwater
 Date well started Feb 3, 1962 Date Completed Feb 13, 1962
 Type of well Drilled Equipment Used Churn Drill
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)
 Water Use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5" I.D.	14 lbs to foot Seamless	6" above pit floor	to 98'		102'-2"	



..... 1/4 Sec. T. R.
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 83' from G.L. feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 85' feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 4 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)

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 School of Mines and Quadruplicate for the Appropriator.

8995

405

214 227

Copy
 I received and filed this instrument for
 record on the 15th day of Dec 1913
 at 4.00 o'clock P. M. permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BARNER, County Recorder
 By Martin S. Barner Deputy
 Rec 5. 2. 22. Paid

RECORDED
 INDEXED
 1913
 12 15 1913
 MISSOULA
 MONTANA

MISSOULA COUNTY, MONTANA
 DEPARTMENT OF RECORDS
 100 WEST 10TH AVENUE
 MISSOULA, MONTANA