

24

File No.

T. 13 N. R. 10 E. of Range 12

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER
**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Aug. 1, 1945

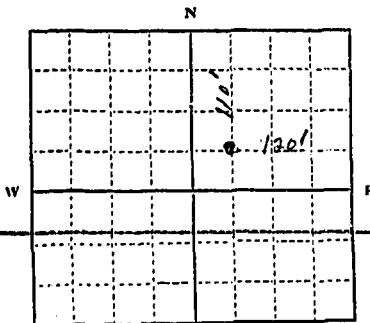
Owner George & Opal Coburn address Town & 3rd St. Missoula

Contractor (if any) None

Address of Contractor None

Date Started Date Completed

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



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 Continuously

1/2 SE 1/4 Sec. 24 T. 13 N. R. 10 E. of Range 12

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

Amount Unknown
Aug. 1, 1945

Signature of Owner George & Opal Coburn

Date Dec. 27, 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.

639

215000

I received and hold this instrument for
record on the ^{27th} 27 day of Dec 1962
at 8:40 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By *[Signature]* Deputy
Fee \$ 2.00 Paid

4 2346

326680

I received and filed this Instrument for
record on the 5 day of Jan 1973
at 2:00 o'clock P. M. permanent files
of Missoula County, State of Montana
Witness my hand:
Dorothy L. Head, County Recorder
By [Signature] Deputy
Fee \$ 2.00 Paid

SEARCHED	INDEXED
SERIALIZED	FILED
JAN 1973	
MISSOULA COUNTY, MONTANA	

File No. _____

DUPLICATE

RECEIVED
FEB 14 1964

T. 13N R. 20W
County Missoula

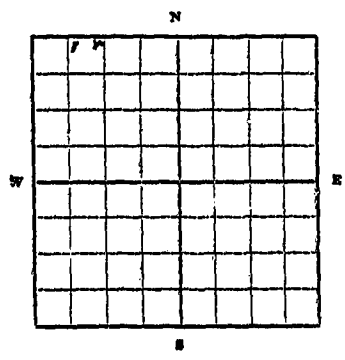
Section 111
STATE OF MONTANA
STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

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

1. S. J. Davis (Name of Appropriator) of 4019 2nd (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 House use, stock watering, irrigation.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Summer 1946
Used steady since then
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 80 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 Acre lawn and garden
S. J. Davis
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By pump from well by house

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater The well was dug in the spring of 1946
- 8. The depth of water table Approx 12 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 Shallow well 12 ft; 3 inch casing
- 10. The estimated amount of groundwater withdrawn each year 800,000
- 11. The log of formations encountered in the drilling of each well if available 4 ft earth, then gravel, then rock
- 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 This well has never failed in the years it has been used

Signature of Owner S. J. Davis
Date 12/23/63

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.

12338

518

214769

I received and filed this instrument for
record on the 23 day of Nov 1963
at 3:48 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BERNER, County Recorder
By Stull Lane Deputy
Fee \$ 2.00 Paid

STATE ENGINEERS

RECORDED
NOV 23 1963

Duplicate

T. 13N R. 20W 34

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

STATE ENGINEER

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. I, S. J. Davis, of 4019 S. 2nd St. Missoula (Name of Appropriator) (Address) (Town)
County of Missoula, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is stock watering & irrigation - 2 acres
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 8.0 gpm

4. The annual period (inclusive dates) of intended use April - Nov.

5. The probable or intended date of first beneficial use 1965

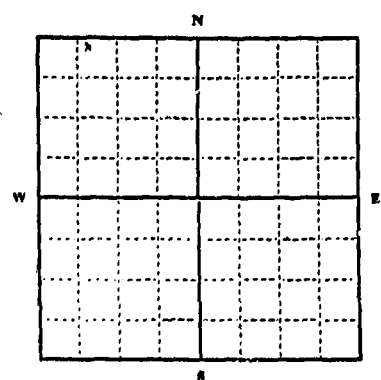
6. The probable or intended date of commencement and completion of the well* or wells* within 2 years

7. The location, type, size and depth of well or wells contemplated 4 inch casing 20 ft.

8. The probable or estimated depth of the water table or artesian aquifer 15 feet

9. Name, address and license number of the driller engaged Small dig the well myself

10. Give such other similar information as may be useful in carrying out the policy of this act.....
.....
.....
.....
.....



1/4 Sec. T. R.
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator S. J. Davis
Date 5/12/63

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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.

12339

519

214770

I received and filed this instrument for
record on the 23 day of Dec 1903
at 3:50 o'clock P. M. in Court Room
of Missoula County, State of Montana
Witness my hand
MARTIN S. REINER, County Recorder
By Ethel Lane Deputy
Fee \$ 2.00 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.

Owner S. J. Davis
Address 1019 S. Third Street
Missoula, Montana 59801

For Administrator's Use	
File #	<u>#2235, 312513</u>
Date	<u>Feb. 7, 1972 9:55 a.m.</u>
GW	<u>1</u>

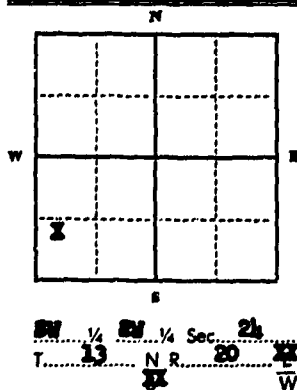
Date well started 1/8/72
completed 2/1/72

Type of well Drilled
(Dig, driven, bored or drilled)
Equipment used Cable Tools
(Cable 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). Approx. 2 acres

ESTIMATED ANNUAL WITHDRAWAL 26,800,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" CP X 4'	2'	73'	NONE		



Static water level 9 ft.*
Pumping water level 5 ft.*
at 30 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by Air Lift Pump
for 3 hours.
Power 000 Pump 150 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) A former steel drive shoe is welded to bottom of casing. All water entering well through open bottom of six inch casing.
(Gm't)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.
Driller's Signature William B. Wilson
Driller's Address 2500 Reserve Street

Missoula, Montana 59801 LICENSE NO. 52

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 ~~Water~~ (Elev. above sea level) 3200'

From (Feet)	To (Feet)	
0	2	Topsoil
2	18	Gravel and cobbles
18	50	Fine and coarse sand with some gravel. (GWSI) (MSWI) II.
50	70	Coarse gravel and fine sand.
70	73	Clean coarse gravel and sand.

73 Show exact depth of bottom water rises in well 9' from surface.

2235

312513

I received and filed this instrument for
 record on the 7th day of July, 1972
 at 9:58 o'clock A.M. permanent files
 of Missoula County State of Montana
 Witness my hand
 Veronique A. Crease, County Recorder
 By Timothy A. Crease Deputy
 For Timothy A. Crease cash

Note: Bills in this area can be deposited upon to produce clear and free notes
 from other areas as long as they are not overprinted. I.e., they should be prepared
 at rates not in excess of 50 to 60 percent of the market equality of the regular.

(Gen 6)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

SEP 18 1972
MONTANA DEPARTMENT OF
RESOURCES AND CONSERVATION

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 Evelyn M. + JAMES DIXWELL

Address 3811 So. 6th W. Missoula, MONTANA

Date well started July 1, 1972
completed July 2, 1972

For Administrator's Use	
File #	<u>2331-322052</u>
Date	<u>Sept. 18, 1972 - 4:30 p.m.</u>
GW #	<u>GW 1</u>

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

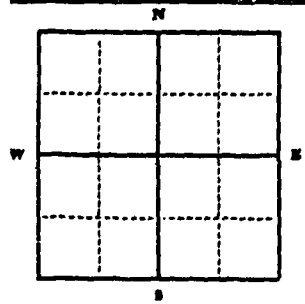
Equipment used Churn
(Churn drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
<u>6" I.D.</u>	<u>6 5/8" O.D. 17lb 1/4" side wall</u>	<u>0L</u>	<u>58</u>	<u>none</u>	<u>none</u>	<u>none</u>



Static water level 7.0L ft.*
Pumping water level 50 ft.*
at 30 gallons per minute,
measured 90 minutes after pumping began.
*Measured from ground level.
Well developed by Bullwink County
for 2 hours.
Power 7.5 Pump 1.25 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

1/4 Sec. 24
T. 12 N.R. 20 E

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

Driller's Signature Leo House

Driller's Address 740 Turner

Missoula, Montana LICENSE NO. 193

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>0L</u>	<u>5</u>	<u>Top soil</u>
<u>5</u>	<u>18</u>	<u>Tan clay gravel</u>
<u>18</u>	<u>19</u>	<u>Sand gravel water</u>
<u>19</u>	<u>57</u>	<u>Tan clay gravel</u>
<u>57</u>	<u>58</u>	<u>Sand gravel water</u>

58 Show exact depth of bottom

L.F.

51,405

R 2331

322052

I received and filed this instrument in
 record on the 13 day of Sept. 1972
 at 4:30 o'clock P.M. permanent files
 of Missoula County, State of Montana
 Witness my hand.
 Veramos R. Creuse, County Recorder
 By *[Signature]*, Deputy
 Fee \$ *[Signature]* Paid

INDEX	SEARCHED	SERIALIZED	FILED

MISSOULA COUNTY
 CLERK OF DISTRICT COURT
 MISSOULA, MONTANA

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

Owner James Dunwell
Address 3811 S. 6th W. Missoula 59801
Location T. R. Sec.
Doc. No. #2331 322052

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 attached form, the complete location of the well by section, township and range.

Thank you.

RECEIVED County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

SEP 18 1972

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

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

Owner Evelyn M. + James Funnell

Address 3811 So. 6th W.
Missoula, Montana

Date well started July 1, 1972
completed July 2, 1972

For Administrator's Use	
File #	2331-322052
Date	Sept. 13, 1972 - 4:30 p.m.
GW #	

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

Equipment used Churn
(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

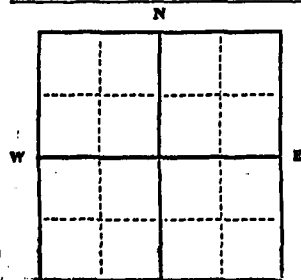
Industrial Drainage Other Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D.	6 5/8" O.D. 17lb 1/4" pipe wall	0	58	none	none	none



Static water level 7.45 ft.*
Pumping water level 7.30 ft.*
at 37 gallons per minute,
measured 93 minutes after pumping began.
*Measured from ground level.
Well developed by 2-1/2 hours
for 2 hours.
Power Pump 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

S.W. 1/4 S.W. 1/4 Sec. 24
T. 13 N. R. 20 E

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

Driller's Signature [Signature]

Driller's Address

Missoula, Montana LICENSE NO. 123

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	5	Top well
5	13	
13	16	
16	57	
57	58	

Show exact depth of bottom

H.F.

51 405

OCT 4 1971

DRILLER'S LOG

24

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.

**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD**

**NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

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

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

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

Owner Lawrence S. Stroy
Address 3804 So. 7th W
Date well started AUG. 27, 1971
completed AUG. 27, 1971

For Administrator's Use	
File	<u>2186</u>
	<u>September 30, 1971</u>
	<u>1:16 P.M.</u>
GW 1	

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
GL	10'	sand and gravel
10'	21'	water, sand and gravel
21'	27'	tan clay, sand and gravel
27'	50'	water and sand
50'	56'	tan clay, sand and gravel
56'	67'	sand, gravel and water

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

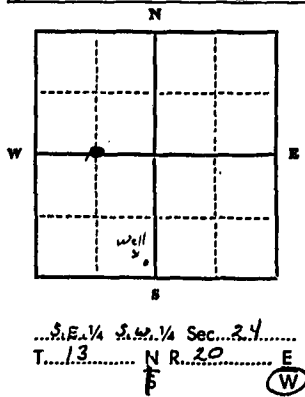
Equipment used CHURN
(Churn drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
<u>5" U.D.</u>	<u>5-5/8" OD</u>	<u>Ground</u>	<u>67'</u>	<u>none</u>	<u>none</u>	<u>none</u>
	<u>17 lbs.</u>	<u>level</u>				
	<u>1/4" side-wall</u>					



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 LINCOLN, MONTANA

LICENSE NO 193

67 ft. Show exact depth of bottom

49185

2186

I received and filed this instrument for
record on the 30 day of April 1921
at 1:16 o'clock P.M. permanent file
of Missoula County State of Montana
Witness my hand
Veramos R. Crouse, County Recorder
By *Marie Mitchell* Deputy
Fee \$ 2.00 Cash Paid

File No. _____

T. 13 N. R. 20

DUPLICATE

County Missoula

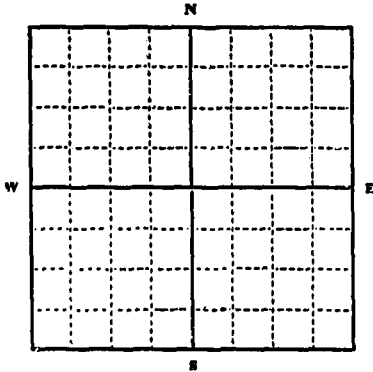
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Charles W. Howard, of 3039 So. 3rd W. 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 SE Sec 24 T. 13. R. 20
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... not known

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof... doesn't apply

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

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... 60 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... house usage 4" casing 60' deep

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

11. The log of formations encountered in the drilling of each well if available... not 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 C. Charles W. Howard

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. 20052

854 215322

I received and filed this instrument for
record on the 21 day of Dec 1963
at 9:20 o'clock A.M., permanent files
of Cascade County, State of Montana
Witness my hand
N. S. BIRD County Recorder
By *Walter J. Bird* Deputy
Fee \$ 2.00 Paid

Form No. 18
8-60

Sept 6-1961

24

T. 13 N R. 20 W

County Missoula, Montana

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

STATE ENGINEER

WATER WELL LOG

Owner Austin Jacobson or Flossie Jacobson Address 3433 13rd W, Missoula, Montana

Driller Not known Address not known

Date Started not known Date Completed not known

Location: Sec. 24 T. 13 N R. 20 W $\frac{1}{4}$ sec. SE of the SE $\frac{1}{4}$ of lot 45 of 10

Type of well either driven or drilled Equipment used not known other

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: not known ft. to c ft. Type _____ Size _____

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

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

Perforated or Screened: Ft. _____ to ft. _____ . Ft. _____ to ft. _____

Type of screen or perforations _____

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

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

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

How tested: _____

Length of test _____

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

I have been here nine years and the party I bought it from did not have the well put in so I am unable to answer these questions, or the ones on the other side

Austin and Flossie Jacobson

File No. _____

T. 13^N R. 30^W
County Missoula

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

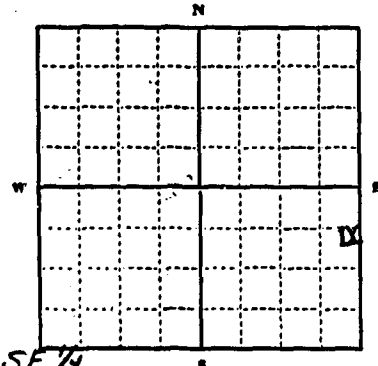
RECEIVED
JAN 3 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Willard H and Lucille D Johns, of South 3rd St RTJ 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:



SE 1/4
NE 1/4 Sec 14 T. 13. R. 30

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 use and yard and garden

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
1/2 acre - for lawn and garden w/ Dorothy addition lot 2 w/ Willard Johns owner

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

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

8. The depth of water table about 10 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 40 feet deep driven well - 4 inch pipe

10. The estimated amount of groundwater withdrawn each year 525,000 gal per year

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 Lucille Johns
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.

1128

215600

I received and filed this instrument for
record on the 7th day of Dec 1953
at 5:27 o'clock PM, permanent files
of Missoula County, State of Montana
Witness my hand:
By Marta V. Nelson County Recorder
Fee \$ 2.00 Paid

24

File No.

T. 13^N R. 20^W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963

STATE ENGINEER
**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

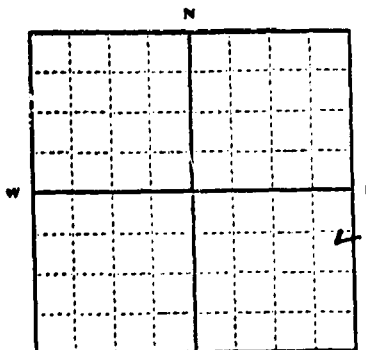
Owner Lucille P. Johns Address South 3rd St.

Contractor (if any) NONE

Address of Contractor NONE

Date Started Not Known Date Completed Not Known

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 8 or 10 ft pipe in ground water rises to 5 feet from surface.



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.....

2 hours a day 61 gal per min.
8 hours a day 7 months a year
6,150,000 gallons per year

SE 1/4

NE 1/4 SE 1/4 Sec 24, T. 13, R. 20

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

Donchy Add. Lot 2

Signature of Owner Lucille P. Johns

Date Dec 31, 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; Triplicates to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

Received and filed this instrument by
578 the 21st day of Feb 18 1905
of Missoula County, State of Montana
Witness my hand:
By *Mat. S. Palmer* Recorder
Fee \$..... Paid Deputy

File No. _____

T. 13^N R. 20^W 24

DUPLICATE

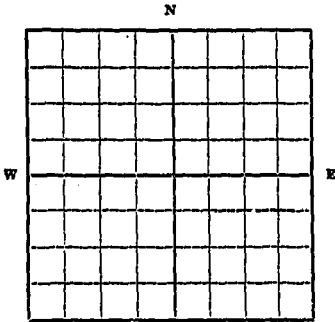
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

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

1. Emma L. Kuhl, of 3504 So. 3rd East 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:



SE 1/4 - Sec. 24 T. 13 N. R. 20 W.

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 and irrigating
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been On and before June 5, 1944.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5" casing - 2 miners inches
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 2 acrs
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump - Dins OR. HD. # Lot 21

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Completion before 1944
- 8. The depth of water table 50 Foot
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 5" casing Depth 50'
- 10. The estimated amount of groundwater withdrawn each year 2,000,000 gals.
- 11. The log of formations encountered in the drilling of each well if available None available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Book 128 Deeds, Page 582.

Signature of Owner Emma L. Kuhl
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.

17688

898

215371

Copy

I received and filed this instrument for
 record on the 21 day of Dec 1938
 at 10:36 o'clock A.M., permanent file
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER, County Recorder
 W. M. Smith, Deputy
 Fee \$ 2.00 Paid

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CW3

File No.....

T. 13^N R. 20^W 24

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater August 8, 1945
Harder A. Kuhl

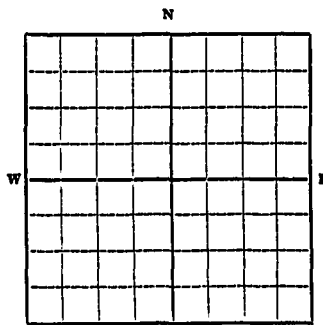
Owner Emma L. Kuhl Address 5504 So. 5rd St.

Contractor (if any) Free-flowing

Address of Contractor None

Date Started None Date Completed None

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



Dist. Ad. 5 Lot #3

Sec. 24 T. 13 R. 20

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 Unlimited and used continuously, or more.

Signature of Owner

Harder A. Kuhl Emma L. Kuhl

Date Dec. 31-63

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

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

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

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

899

215372

Copy

I received and filed this instrument for
record on the 31 day of July 1963
at 10:40 o'clock A. M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHRENS, Deputy Recorder
Martin S. Behrens
Fee \$ 2.00 Paid

GW3

File No.

DUPLICATE

T. 13^N R. 20^W 34

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1968
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater August 8, 1948

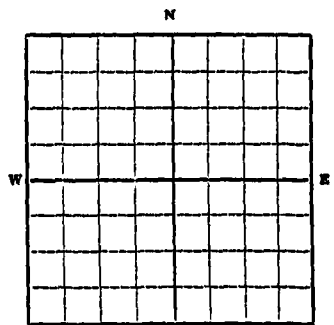
Owner Emma L. Kuhl Address 5504 So. 5rd. W.

Contractor (if any) Free-flowing

Address of Contractor None

Date Started None Date Completed None

Description of means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water applicable Sub-irrigating and free-flowing spring.



Dims. Add. 5 # Lot 14
SE 1/4 Sec. 24 T15 R20W.

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 Unlimited and used continuously, " or more.

Signature of Owner Harold A. Kuhl & Emma L. Kuhl

Date Dec. 31-63

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

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

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

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

20057

900

215373

Copy

I received and filed this instrument for
record on the _____ day of _____ 19____
at _____ o'clock _____ N. permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN E. REMINGER, County Recorder
By _____ Deputy
Fee \$ 2.00 Paid

GW.

24

File No. _____

T. 13^N R. 20^W

DUPLICATE

County Meigs

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

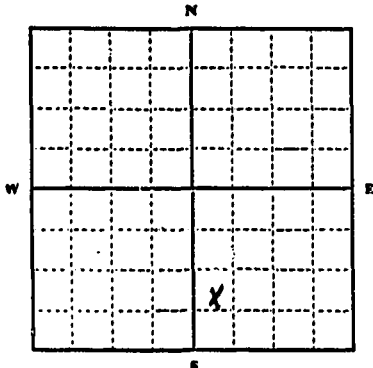
JAN 3 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Minerva E. Liversay, of 3615 E. Co. 3rd W, Missoula
(Name of Appropriator) (Address) (Town)

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



S.M.S. Sec. 24 T. 13 R. 20

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 1943 - constant

4. The amount of groundwater claimed (in miner's inches or gallons per minute) for well - household irrigation ditch (for 10 acres)

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 acres - hay - pasture and garden - Minerva E. Liversay

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal one well at house and irrigation ditch - S.W. 1/4 - S.E. Sec. 24, T. 13 R. 20

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

8. The depth of water table. see above

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. see above

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

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

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

Signature of Owner Minerva E. Liversay

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.

20428

1409

Capt
I received and filed this instrument for
record on the 21st day of *Dec* 1967
at *859* o'clock *P*. M. permanent files
of the Alaska Court House of Anchorage
Witness my hand
By *Walter H. [Signature]*
Recorder Deputy

File No.

T. 13 N. R. 20 W. 24

DUPLICATE

County

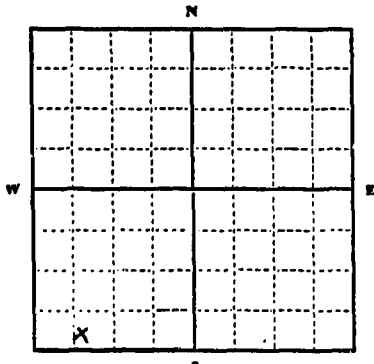
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Robert K. + Geraldine L. McKenzie 3932 So. 7th St. W.
(Name of Appropriator) (Address) (Town) Missoula
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 24 N. 13 W. Sec. 27 T. 13. R. 20

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

- The beneficial use on which the claim is based. Domestic, Stock + Irrigation - Continuous
- Date or approximate date of earliest beneficial use; and how continuous the use has been. 1953 Domestic, Stock Watering + Irrigation - Continuous
- The amount of groundwater claimed (in ~~inches~~ or gallons per minute) 30 to 50
- 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 - Gardens + Lawn.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Pumps - Gas Engine Sprinkling System - 1 W. 7 W. 24 T. 13 R. 20
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Unknown - Before 1953.
- The depth of water table. 10 feet from Ground level
- 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. Approximately 40 feet Steel casing.
- The estimated amount of groundwater withdrawn each year. 50,000 to 60,000 Gals.
- The log of formations encountered in the drilling of each well if available. Unknown
- 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 Robert K. McKenzie
Geraldine L. McKenzie
Date Dec. 27, 1963

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

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

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

19929

700

215-106

I received and filed this instrument as
record on the 7th day of Nov 1968
at Missoula, Mont., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN C. BISHOP, County Recorder
By Martin C. Bishop
Fee \$ 1.00

RECEIVED

County Missoula ²⁴

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

JUL 22 1972

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

DRILLER'S LOG

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

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

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

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

Owner Robert E. Mitchell

Address 805 Howard St.

Missoula, Mont.

Date well started MARCH 18, 1971

completed MARCH 19, 1971

For Administrator's Use	
File	<u>2294 - 318260</u>
Date	<u>June 19, 1972 1:10 pm</u>

Type of well drilled

Equipment used CHURN

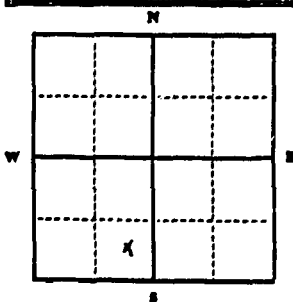
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

*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	PERFORATIONS	
		From (Foot)	To (Foot)
5"D.D.	3/4"-5/8"OD "side-wall 17 lbs.	60ft.	



Static water level 12' ft.*
Pumping water level 30' ft.*
at 30' gallons per minute,
measured .60 minutes after pumping
began.
*Measured from ground level.
Well developed by one pass
for 4 hours.
Power gas Pump 125cu. ft.
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

SE 1/4 SW 1/4 Sec. 24
T. 13 N. R. 90 E

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

Driller's Signature Leo R. Krause

Driller's Address 740 Turner

LICENSE NO. 193

Top of Ground (Elev. above sea level)	
From (Foot)	To (Foot)
<u>04'</u>	<u>12'</u>
<u>12'</u>	<u>45'</u>
<u>45'</u>	<u>61'</u>
<u>61'</u>	<u>64'</u>
<u>64'</u>	<u>60'</u>

60 ft. Show exact depth of bottom

50,654

2294 318260
I received and filed this instrument for
recopy on the 19 day of Jan 1972
at 1:10 o'clock P.M. permanent files
of Missoula County State of Montana
Witness my hand
Vermae R. Cross County Register
By *Thomas J. ...* Deputy
Fee \$2.00 Cash Paid

SEARCHED	INDEXED
SERIALIZED	FILED
JAN 20 1972	
FBI - MISSOULA	

File No. _____

Lots 63 + 64

T. 13 N. R. 20 W

24

DUPLICATE

County *Missoula*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1968

Declaration of Vested Groundwater Rights

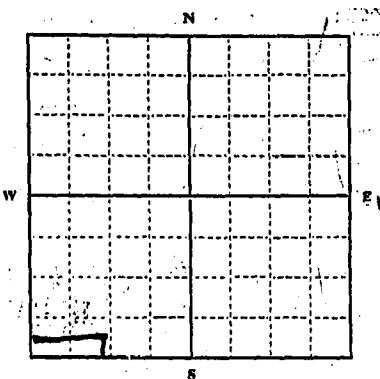
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Parker, Lawrence

1. *Lawrence A. Parker* (Name of Appropriator) *400 5th* (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:



SW 1/4 Sec. 24 T. 13 N. R. 20 W

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

2. The beneficial use on which the claim is based *Domestic & Stock Irrigation*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been *1945 Domestic Stock Irrigation & Irrigation California*

4. The amount of groundwater claimed (in miner's inches or gallons per minute) *75 50*

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 LAURENCE PARKER*

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *ELECTRIC PUMP SW 1/4 SW 5 S 24 T 13 N R 20 W*

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *Construction: 6-6-61 1945*

8. The depth of water table *10 ft from ground level*

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater *46 ft Deep 6" Steel 235.1319*

10. The estimated amount of groundwater withdrawn each year *40,000 To 60,000*

11. The log of formations encountered in the drilling of each well if available *271 R 210 W 20*

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*

Lawrence A. Parker
Signature of Owner *Lawrence L. Parker*

Date *Dec 27 1968*

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.

19909

680

215-77

I received and filed this instrument for
record on the 10 day of Nov 1969
at 9:00 o'clock A.M., permanent files
of Missoula County, State of Montana
Witness my hand
Martin S. Beaver County Recorder
By Martin S. Beaver Deputy
Fee \$ 7.00 Paid

File No.

DUPLICATE

T. 13^N R. 20^W 24
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1963

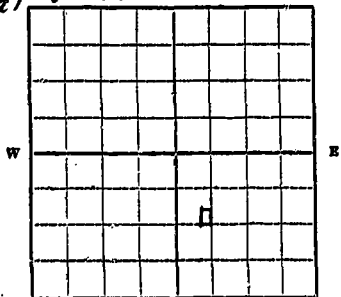
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Lennie D. Peterson of S. 3rd W., 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:

*Divs. Or. No. #5
Plot R-2nd N 100'*



NW 1/4 SE Sec. 24 T. 13 R. 20

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

2-2-1

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
February 3, 1942

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Began 1-25-42 and completed 2-3-42

8. The depth of water table
39 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
4" drilled, steel casing, 39 ft. deep with electric pump.

10. The estimated amount of groundwater withdrawn each year
479,200 gal.

11. The log of formations encountered in the drilling of each well if available
5 ft. soil, gravel, sand
23 ft. bedders, sand, some clay
8 ft. gravel, sand, clay
3 ft. coarse sand and gravel

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

Signature of Owner Lennie D. Peterson

Date December 11, 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.

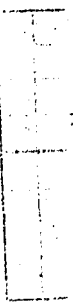
389

214135

copy
 I received and filed this instrument for
 record on the 11 day of Dec, 1963
 at 8:56 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER, County Recorder
 By Martin S. Behner Deputy
 Fee \$ 2.00 Paid

MISSOURI RECORDERS' ASSOCIATION
 1100 WEST WASHINGTON ST. ST. LOUIS, MO. 63101
 PHONE 435-4400
 IF YOU HAVE ANY QUESTIONS CONCERNING THIS SERVICE
 PLEASE CONTACT THE MISSOURI RECORDERS' ASSOCIATION

OPTIONAL FORM NO. 107 (REV. 5-22-64)



GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—39089

24

File No.

T. 13N R. 20W

DUPLICATE

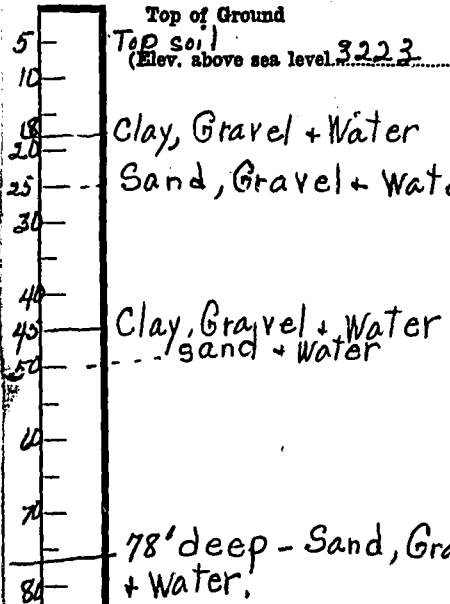
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUND WATER CODE
OFFICE OF STATE ENGINEER JUL 26 1963

RECEIVED

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner: J. & Alice Plummer Address: 3524 Le. 3rd St. W.

Driller: Glenn Camp Address: 705 Alder

Date of Notice of Appropriation of Groundwater:

Date well started: 3-14-57 Date Completed: 3-28-57

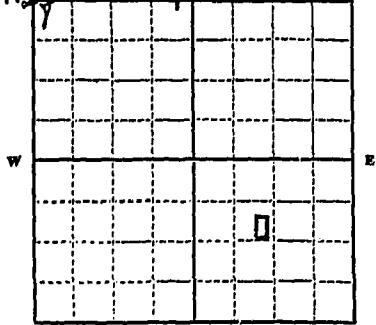
Type of well: drilled Equipment Used: (Churn, drill, rotary or other)

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" ID	15#	0'	78'			

Lot 22 D Dinemore's Orchard Homes No. 5 as laid out upon the N 1/2 of the SE 1/4 (2 1/2 A)



1/4 Sec 24 T13N R20W

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 feet.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 18 feet at 40 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Compressor 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).....

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.

Copy
#221 208796

I received and filed this instrument for
record on the 24th day of July 1963
at 2:00 o'clock P. M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By *Steve Herman* Deputy
Fee \$ *0.00* Paid

MISSOULA
MONTANA
JUL 24 1963
CIVIL DIVISION

File No. _____

T. 13N R. 20W 24

DUPLICATE

County Missoula

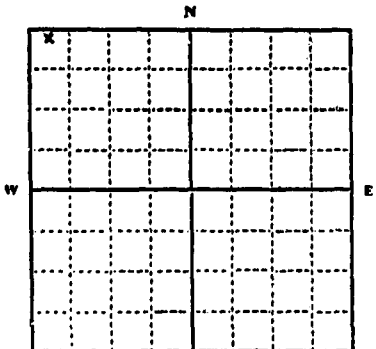
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Erick S. Rantstrom of 3755 So. 3rd 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:



Acreage Orchard Home #5
Sec 29 - 5 acres
Sec 24 T. 13N R. 20W

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 - Irrigation - Farm Animals

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Feb. 17, 1945
Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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 Part of 5 acres which includes lawn & watering of stock

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Jet Pump - North Central of the above area

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater February 17, 1945

8. The depth of water table 40 ft of water in well - 13 feet to 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" casing - 5.3 feet deep - 1.1 liter per foot - 40' of water in well

10. The estimated amount of groundwater withdrawn each year 479,200 gal per year

11. The log of formations encountered in the drilling of each well if available Struck sand at 43'

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 Don't know

Signature of Owner Erick S. Rantstrom

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.

17675

885
O

315358
Copy

I received and filed this instrument for
record on the 31 day of Dec 1963
at 10:14 o'clock A.M. permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BISHOP County Recorder
Martin S. Bishop
Deputy
Fee \$ 2.00 Paid

File No. _____

T. 13N R. 20 W. 24

DUPLICATE

LOG

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERS



Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1900.

(Under Chapter 237, Montana Session Laws, 1961)

Erna B. &

Owner James Regan Address Missoula, Montana

Top of Ground _____
(Elev. above sea level) 290' **Approx.**

Formation Log:

0 - 1 Sandy dirt.

1 - 11 Dirty sand, gravel & cobblestones & boulders. First water.

11 - 34 Silty sand, gravel, cobblestones & boulders.

34 - 39 Some gravel imbedded in tan clay.

39 - 53 Tan silty clay. (Dug, Driven, bored or drilled)

Some sand mixed in.

35 - 57 Sand with some gravel mixed in.

57 - 59 Clean coarse sand & gravel. Water.

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

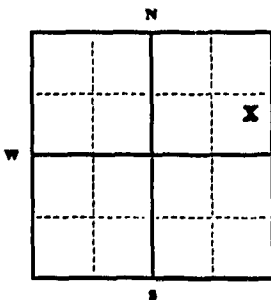
Date well started June 17, 1964 Date completed June 18, 1964

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
6"	6 5/8 OD x 1/4 inch	+1	59	NONE		



Static Water Level for non-flowing well _____ 3.5' feet.

Shut-in Pressure for Flowing Well Non-F

Pumping Water Level _____ 30 feet
at _____ 40 gal. per minute.

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

How Tested _____ Air Lift Pump

Length of Test _____ Four hour

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

N 1/4, SE Sec. 24 T. 13N. 20.
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.

Bottom of hole 59'

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

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

52
Driller's License Number

William F. Sabana
Driller's Signature

3899

178

233445

I received and filed this instrument for
 record on the 2 day of March 1905
 at 11.15 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand
 Vergnao R. Grasec, County Recorder
 By *Glenn J. Mann* Deputy
 Fee \$2.00 *Chick* Paid

BECEIARD

WILL ENGINEERS

RECORDED
 INDEXED
 MAR 15 1905
 MISSOULA COUNTY RECORDER

24

File No. _____

T. 134R 200

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

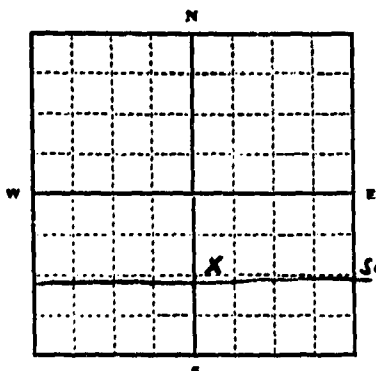
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ernest S. Smith and Grace G. Smith, of 3618 So. 3rd, 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:



N.W. 1/4 SE 1/4 Sec. 24 T. 134R. 20

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, live stock and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. June 1904

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Approx. 35 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. 4 acrs. lawn and garden Lot 23 of Dismores Orchard Home No. 5, Book 169, Deeds, Page 355

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric pump approx. 150 ft. from SW corner of Lot.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Exact date unknown. Approx. June 1904

8. The depth of water table. Approx. 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. Electric motor - 1 H.P. Depth is 72 ft.

10. The estimated amount of groundwater withdrawn each year. 22000 Gal.

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. Necessary to drill about 65 to 70 ft. to obtain pure water.

Ernest S. Smith
Signature of Owner Grace G. Smith

Date Dec 27 - 1963

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

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

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

15213

611

214962

I received and filed this instrument for
 record on the 27 day of July 1963
 at 7:05 o'clock A. M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BISHOP, County Recorder
 By Martin S. Bishop Deputy
 Fee \$ 2.00 Paid

RECORDED
 JUL 27 1963
 MISSOULA COUNTY, MONTANA
 MISSOULA, MONTANA

MISSOULA COUNTY, MONTANA
 MISSOULA, MONTANA

24

File No.

T -13- NR 20-W

DUPLICATE

County Missoula

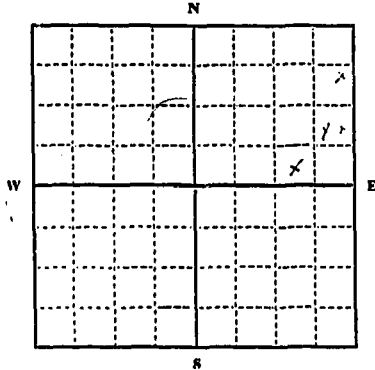
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Ruth Klass Sticht, of P.O. Box 723, 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:



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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 35 gallon per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1 acre located west & north of Tower St. Ruth Klass Sticht.

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

See 1/4 Sec. 24 T. 13 R. 20-W

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater December 9th. 1961.

8. The depth of water table static water (7 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 five inch I D black steel water well casing.

10. The estimated amount of groundwater withdrawn each year 547,500 gallons per six persons.

11. The log of formations encountered in the drilling of each well if available 0-5 1/2 ft. pit, 5-16ft. loose gravel & cobblestone 16-24 ft. gravel in clay, 32-37 ft. clean coarse gravel & water.

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 Ruth Klass Sticht

Date December 31st. 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.

20255

1195

I received and filed this instrument of 1963
 record on the 21 day of Dec 1963
 at 5.32 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand
 By *Mestis J. Pelt* County Recorder
 Deputy
 Fee \$ *1.00* Paid

MISSOULA COUNTY
 CLERK OF DISTRICT COURT
 MISSOULA, MONTANA

MISSOULA

File No.

T. 13 N. R. 20 W

DUPLICATE

RECEIVED
DEC 30 1963

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground **STATE ENGINEER**

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

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

(Under Chapter 237, Montana Session Laws, 1961)

3' top soil
9' sand
12' to 16' coarse sand gravel

Owner Otto Tietz Address 3535 So. 3rd W

Driller By Owner Address 3535 So. 3rd W

Date of Notice of Appropriation of Groundwater Nov 20-62

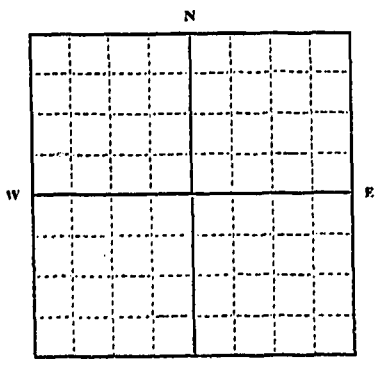
Date well started Nov 20-1962 Date Completed Nov 20-1962

Type of well Dug Equipment Used Back-Hoe
(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)
24" ocn	24" concrete pipe	6' to 8'	6' to 16'	12" Gal	12'	16'



SE 1/4 Sec. 24 T. 13 R. 20
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 7' feet.

Shut-in Pressure for Flowing Well does not apply

Pumping Water Level 15' feet at 40 gal. per minute.

Discharge in gal. per min. of flowing well does not apply

How Tested present pump Length of Test used

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).....

does not apply

By owner
Driller's License Number

Otto Tietz
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.

214966

Copy
I received and filed this instrument for
record on the *27* day of *Dec*, 19*48*
at *9:20* o'clock *A.* M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By *Martin S. Behner* Deputy
Fee \$ *2.00* Paid

File No.

T 15 R 20 W

DUPLICATE

RECEIVED
DEC 30 1963

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

3 Ft Top Soil
3 Ft to 11 Ft Sand
11 Ft to 12 Ft Coarse Gravel

Owner Otto Tietz Address 3535 So 3rd W

Driller By owner Address 3535 So 3rd W

Date of Notice of Appropriation of Groundwater Oct 15-62

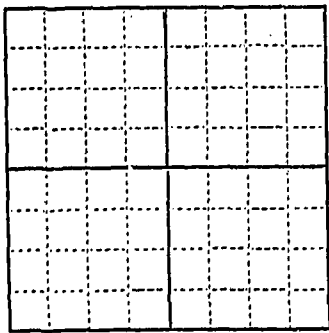
Date well started Oct 15-1962 Date Completed Oct 15-1962

Type of well Dug Equipment Used Back-Hoe
(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)
2 1/2 In	2 1/2 In concrete Pipe	Top	Bottom	1 In Drilled 8'		12'



3 1/4 Sec. 24 T. 15 R. 20
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 does not apply

Pumping Water Level 12' feet at 70 gal. per minute.

Discharge in gal. per min. of flowing well does not apply

How Tested Irrigation pump length of Test Irrigating

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) 5 acres

By owner
Driller's License Number
Otto Tietz
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.

15215

613 214965

copy

I received and filed this instrument for
 record on the 27 day of Dec 1963
 at 9:17 o'clock P. M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
MARTIN S. BEHNER, County Recorder
 By Paul Lame Deputy
 Fee \$ 2.00 Paid

RECORDED

INDEXED

MISSOULA COUNTY, MONTANA
 DEPARTMENT OF CLERK AND RECORDER
 100 SOUTH MAIN STREET
 MISSOULA, MONTANA 59801

MISSOULA COUNTY, MONTANA
 DEPARTMENT OF CLERK AND RECORDER
 100 SOUTH MAIN STREET
 MISSOULA, MONTANA 59801

File No. _____

T 13 R 20

DUPLICATE

County Male

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
24 1962

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.....)

0-3 6" top soil
36"-18' water sand
18-24 clay
24-59' heaving sand
59-60 coarse gravel water

Owner Otto Diez Address 2603 So Hills Dr

Driller John Farrell Address Arlee

Date of Notice of Appropriation of Groundwater Aug. 19-1962

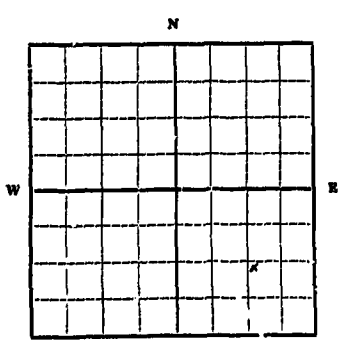
Date well started Aug 17-1962 Date Completed Aug 19-1962

Type of well drilled Equipment Used Shum drill
(dug, driven, bored or (Curti, drill, rotary or
drilled) X 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"	5" 14 LB	0	60'			



SE 1/4 Sec 4, T.13, R.20.
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

60'

Show exact depth of bottom.

Static Water Level for non-flowing Well..... 5 feet.

Shut-in Pressure for Flowing Well does not apply

Pumping Water Level..... 24 feet at..... 10 gal. per minute.

Discharge in gal. per min. of flowing well does not apply

How Tested..... Bailer Length of Test 2 hrs

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

does not apply

Driller's License Number 14

Driller's Signature John Farrell

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.

12 196542 Copy

I received and filed this instrument for record on the 22 day of Aug. 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 Mary Mahaly, Deputy
Fee \$ 0.10 Paid



MISSOULA COUNTY RECORDS DEPARTMENT
1000 W. MAIN ST. MISSOULA, MONT. 59801
RECORDS SECTION
1962 AUG 22 11:30 AM
62-1000-1000

24

File No. _____

DEC 30 1966

T. 13N R. 20W

DUPLICATE

LOG

Bill: _____ M-D- _____ County: Missoula
State: _____ No. _____
City: _____ STATE OF MONTANA
Darlington: _____ ADMINISTRATOR OF GROUNDWATER CODE
Dicker: _____ OFFICE OF STATE ENGINEER

Top of Ground _____
Approx. _____
(Elev. above sea level 3210')

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

(Under Chapter 237, Montana Session Laws, 1961)

Formations Log:

- 0 - 1 Topsoil.
- 1 - 19 Gravel, cobblestones and boulders.
- 19 - 34 Gray sand.
- 34 - 39 Gray sand & gravel.
- 39 - 57 Gravel imbedded in tan clay.
- 57 - 68 Fine gray sand. Some gravel mixed in.
- 68 - 77 Fine gray sand.
- 77 - 88 Medium to coarse tan sand & gravel.
- 88 - 91 Tan silt & clay mixed in fine gray & tan sand.

Owner: Lena C. &/or Ernest H. Wolff Address: Bonner, Montana

Driller: Liberty Drilling Co. Address: Missoula, Montana

Date of Notice of appropriation of groundwater: None filed

Date well started: 10/13/66 Date completed: 10/17/66

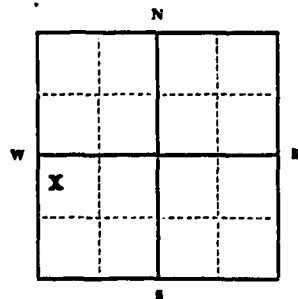
Type of well: Drilled Equipment used: Cable Tools
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 1/4"	+1 1/2	79	5/16 inch OD x 1/4 inch Wall Shop made Screen	77 1/2	91

Water rises in the well 9 1/2 feet from surface.



Static Water Level for non-flowing well _____ 9 1/2 feet.

Shut-in Pressure for Flowing Well None
Pumping Water Level _____ 40 feet
at _____ 70 gal. per minute.

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

How Tested Air Lift Pump
Length of Test Three hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering the well is coming through slot openings in the shop made screen. Wells with screened completions in this

NW 1/4 SW Sec. 24, T. 13N R. 20W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they (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).

Approx 2 1/2 acres

Show exact depth of bottom.
Bottom of hole 91'

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

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

52
Driller's License Number

William F. Colvane
Driller's Signature

41588

MISSOURI

256736

I received and filed this Instrument for
 record on the 27 day of December 1966
 at 12:20 o'clock P. M. permanent files
 of Missouri County, State of Montana
 Witness my hand:
 Verance A. Crouse, County Recorder
 By Wm. C. Crouse, Deputy
 Fee 5.00 Paid cash

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

MISSOURI
 DEPARTMENT OF REVENUE
 STATE OF MISSOURI
 RECEIVED
 DECEMBER 27 1966
 MISSOURI COUNTY RECORDERS OFFICE
 JEFFERSON CITY, MISSOURI

File No. _____

T. 13 N. R. 20 W. 24

DUPLICATE

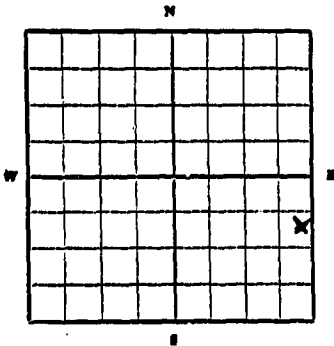
County _____

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)

Ray A. & Dorothy L. Wood of 3308 So 3rd W. 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:



NE 1/4 SE Sec. 24, T. 13, R. 20

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 & Sprinkle Irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been MAY 23, 1955
Continuous for Domestic & Sprinkle use
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 Miner's inches
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Approximately 2 acres
Ray A. & Dorothy L. Wood
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pumps

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1955 - Pylon irrigation pond to be constructed in Spring of 63
- 8. The depth of water table approximately 30 feet
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled & cased well, 4" pipe 36 feet deep - for domestic & lawn sprinkling
future pond to be 10' to 12' deep for irrigated pasture
- 10. The estimated amount of groundwater withdrawn each 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 _____

Signature of Owner Ray A. Wood
Dorothy L. Wood
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.