

598

214902

I received and filed this instrument for record on the 26 day of July, 1963 at 11:50 o'clock A.M., permanent files of Missoula County, State of Montana  
Witness my hand:  
**MARTIN S. BENTLEY**, County Recorder  
By Martin S. Bentley, Deputy  
Fee \$ 2.00 Paid

MISSOULA COUNTY RECORDERS OFFICE  
MISSOULA, MONTANA


23

File No.....

T. 13N R. 19W

DUPLICATE

County MISSOULA

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater May 1946

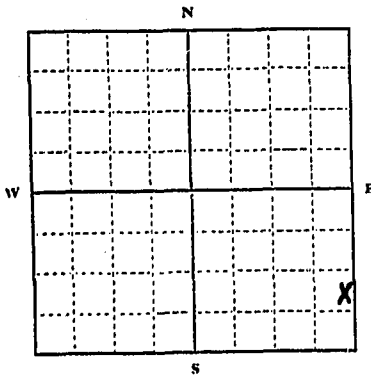
Owner R. D. McCullough Address MISSOULA

Contractor (if any) NONE

Address of Contractor

Date Started May 1946 Date Completed May 1946

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



NE 1/4 SE 1/4 Sec. 23 T. 13N R. 19

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 12 Mo. use

See Stock Watering. Flow approx 150 gallons per day as measured INTO TANK

Signature of Owner R. D. McCullough

Date 12/31/63

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.

11824

11824

I received a <sup>copy</sup> filed this instrument for  
 record on the 31st day of Dec. 1963  
 at 700 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 By Martin J. Baker County Recorder  
 Fee \$ 2.00 Deputy  
 Paid

Date started &  
completed?  
Casing?  
L.P.M.



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 Dick Everett  
Address P.O. Box 518  
Miscoula, Montana  
Date well started March 25, 1971  
completed March 31, 1971

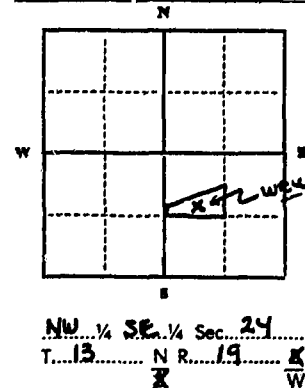
For Administrator's Use	
File	<u>801459</u>
	<u>April 14, 1971</u>
	<u>11:15 a.m.</u>

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6" I.D.</u>	<u>6" I.D.</u>	<u>17'</u>	<u>above</u>			
	<u>part.</u>	<u>g.l.</u>				



Static water level 35 ft.\*  
Pumping water level 35 ft.\*  
at 75 gallons per minute,  
measured 5 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by compressor  
for 3 hours.  
Power Does not Pump apply HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>0</u>	<u>6</u>	<u>Dist. &amp; gravel 22112</u>
<u>6</u>	<u>8</u>	<u>Boulders</u>
<u>8</u>	<u>10</u>	<u>clay and gravel</u>
<u>10</u>	<u>33</u>	<u>clay, gravel &amp; cobblestones</u>
<u>33</u>	<u>36</u>	<u>sand gravel &amp; water</u>
<u>36</u>	<u>41</u>	<u>gravel broken rock &amp; water</u>
<u>41</u>	<u>57</u>	<u>sand and water</u>
<u>57</u>	<u>65</u>	<u>sand small gravel &amp; water</u>
<u>65</u>	<u>88</u>	<u>large gravel &amp; water</u>

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

Driller's Signature Philip G. Bakke  
Driller's Address Camp Well Drilling & Pump supply  
1522 S. 14th W., Miscoula, Montana  
LICENSE NO. 7

88 Show exact depth of bottom

48350

014

361457

I received and filed this instrument for  
 record on the 15 day of April, 1971  
 at 11:15 o'clock A.M. permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
Veronica S. Cousins, County Recorder  
 By J. Billings, Deputy  
 Fee \$ 2.00 Paid

MISSOULA COUNTY RECORDS  
 17  
 18

File No. ....

DUPLICATE

East Missoula Addition  
T. 13 N. R. 19 W.  
County Missoula

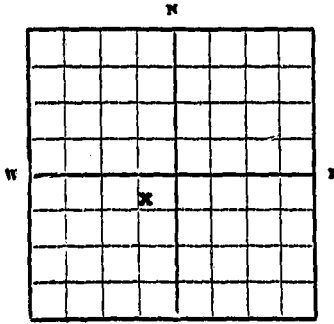
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 11 1963

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

STATE ENGINEER

1. Ervin H. Galland, of Route 4, Missoula  
(Name of Appropriator) (Address) (Town)  
County of Missoula State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 8 in Blk. 35 of  
East Missoula Addition

1/4 Sec. 24 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 6 dwellings and gardens and trees for each.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1951
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 39 gallons per minute  
2340 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 gardens and lawns for 6 dwellings
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric motor and pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater about 1951 for both commencement and completion
8. The depth of water table Well is 95 feet deep with 50 feet of water
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 inch casing down to 3rd vein of water
10. The estimated amount of groundwater withdrawn each year 220,000 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.

Signature of Owner Ervin H. Galland

Date December 10, 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.



396/

214065

I received and filed this instrument for  
 record on the 1<sup>st</sup> day of Dec 1963  
 at 1:05 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

MISSOULA COUNTY RECORDER  
 MISSOULA, MONTANA  
 DEPT. OF REVENUE  
 STATE OF MONTANA

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

DUPLICATE

RECEIVED  
APR 15 1964

T 13<sup>th</sup> R 19<sup>th</sup>  
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)

- 0 to 3 6" large gravel & clay
- 36" to 62" Boulder's
- 62" to 65" Gravel & water
- 65" to 70" Slay, gravel & boulders
- 71" to 74" Gravel, clay & water
- 74" to 83" Clay & gravel
- 83" to 89" Gravel & water

Owner George W. Hedgers Address Colorado Ave

Driller Glenn Camp 705 Alder Address Missoula, Mont

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

Date well started 3/26/64 Date Completed 4/7/64

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

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	5" I.D. 14 lbs to feet	1' above G.L.	to 90'-4"	None		

69' from G.L.

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

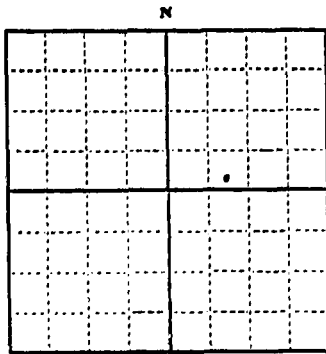
Shut-in Pressure for Flowing Well.....

Pumping Water Level.....feet at.....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).....



Ind. 1/4 Sec. 24, T. 13, R. 17.  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

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.

35584

State  
1901

220094

Copy

I received and filed this instrument for  
record on the 13<sup>th</sup> day of April 1964  
at 2:25 o'clock P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BEHNER, County Recorder  
By Hera Berse Deputy  
Fee \$2.00 Paid

MISSOULA COUNTY RECORDS  
RECORDED  
APR 13 1964  
MARTIN S. BEHNER, COUNTY RECORDER  
HERA BERSE, DEPUTY

GW 2

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

24

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

T 13<sup>N</sup> R 19<sup>W</sup>

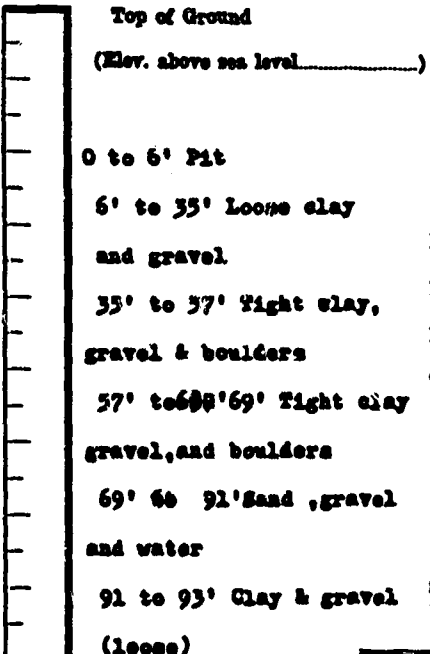
DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
RECEIVED  
NOV 15 1962

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

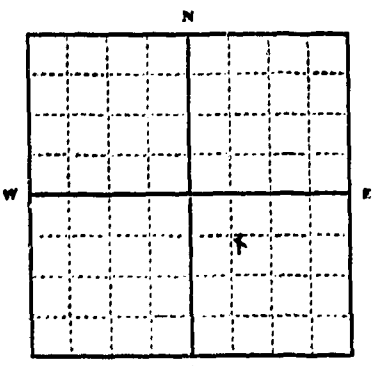
(Under Chapter 237, Montana Session Laws, 1961)



Owner: George W. Hedgers Address: 410 Colorado E. Missoula  
 Driller: Lesen Camp 705 Alder Address: 705 Alder Missoula  
 Date of Notice of Appropriation of Groundwater: 10/15/62  
 Date well started: 10/8/62 Date Completed: 10/15/62  
 Type of well: Drilled Equipment Used: Churn drill  
 (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 (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6"	6" I.D. Seamless 19 lbs	pit level	86'			



ME 1/4 Sec. 24, T.13. R.19.  
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: 67 feet.  
 Shut-in Pressure for Flowing Well: Does not apply  
 Pumping Water Level: 67 feet at 15 gal. per minute.  
 Discharge in gal. per min. of flowing well: Does not apply  
 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  
Lesen 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.



File No. ....

T. 13<sup>N</sup> R. 19<sup>W</sup>

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

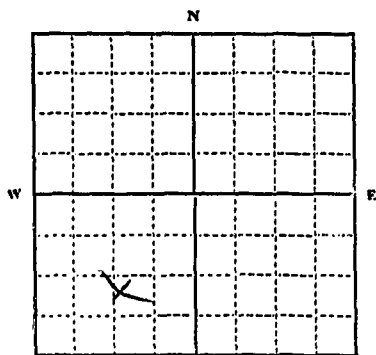
RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. HUGHES BROS of Box 406 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:



S. 1/4 Sec. 24 T. 13 R. 19 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 Dunting water & Domestic use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945
- 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 Hand Pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945
- 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 3 in casing 25 ft 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 Deed Book 2 Page 13 & page 8

Signature of Owner B. B. Hughes  
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.

600

214909

Copy

I received and filed this instrument for  
 record on the 20 day of Dec, 1963  
 at 11:54 o'clock A.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
**MARTIN S. BEHNER**, County Recorder  
*Martin S. Behner*  
 For 5.00 Paid

MISSOULA COUNTY RECORDS DEPARTMENT  
 100 WEST 10TH AVENUE, MISSOULA, MONTANA 59801

7-10-63

MISSOULA COUNTY RECORDS DEPARTMENT

24

File No. ....

T. 13<sup>N</sup> R. 19<sup>W</sup>

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

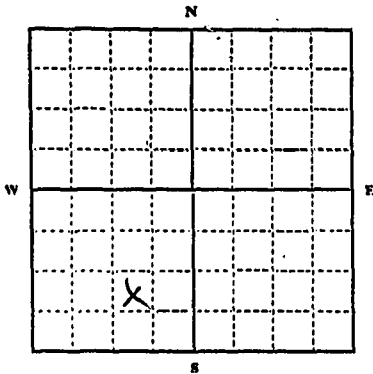
RECEIVED  
DEC 30 1962

Declaration of Vested Groundwater Rights  
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

I, HUGHES BROS, of Box 406 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:



S.W. 1/4 Sec 24 T. 13 R. 19 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. Drinking and domestic use

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

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. Hand Pump

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

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. 3 in casing 25 ft 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. Recorder Book 2 Page 13 Line 8

Signature of Owner Hughes Bros  
B. B. Hughes

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. 15198



596

314900

*Copy*

I received and filed this instrument for record on the 21 day of Dec 1963 at 11:46 o'clock A.M., pursuant to the laws of Missoula County, State of Montana

Witness my hand:  
**MARTIN S. BEHNER, County Recorder**  
 By: [Signature] Deputy  
 Fee \$ 2.00 Paid

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

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

RECEIVED

County Missoula 24

JAN 10 1972

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

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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 PETE LHH  
Address 207 E. Broadway  
Missoula, Montana 59801  
Date well started APR. 9, 1971  
completed APR. 14, 1971

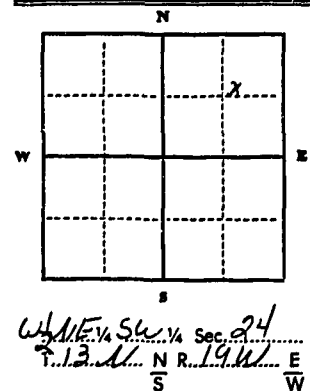
For Administrator's Use	
File #	<u>2222, 311248</u>
Date	<u>Jan. 12, 1972 2:00pm</u>
GW 1	

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)
6" I.D.	17 lbs 6-5/8" OD 1/4" side-wall	0	87'6"			



Static water level 16 ft.\*  
Pumping water level 70 ft.\*  
at 10 gallons per minute,  
measured 90 minutes after pumping began.  
\*Measured from ground level.  
Well developed by ball & sub  
for 4 hrs. hour test pump  
Power: \_\_\_\_\_ Pump \_\_\_\_\_ HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

Top of Ground		(Elev. above sea level)
From (Foot)	To (Foot)	
0	6	top soil
6	27	tan clay and boulders
27	37	tan clay
37	83	gravel and tan clay
83	87'6"	sand, gravel and water

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, MONT.  
LICENSE NO. 105

87'6" Show exact depth of bottom  
49,770

#2222

311742

I received and filed this instrument for  
record on the 17<sup>th</sup> day of Jan 1922  
at 2:00 o'clock P.M. Eastern time  
of Missouri County State of Missouri  
Witness my hand  
Thomas A. Guss, County Recorder  
By *Thomas A. Guss* Deputy  
Fee 50.00 Paid

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

T. 13<sup>N</sup> R. 19<sup>W</sup> <sup>24</sup>

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 10 1963

Notice of Completion of Groundwater  
Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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

0 to 3' Top soil  
3' to 25' Clay, gravel  
25' to 38' Sand, gravel,  
boulders & water  
38' to 53' Clay & gravel  
53' to 66' Sand, gravel  
& water

Owner Fred Madson Sr. Address Rt. 1, Missoula

Driller Glenn Camp 703 Alder Address Missoula, Mont

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

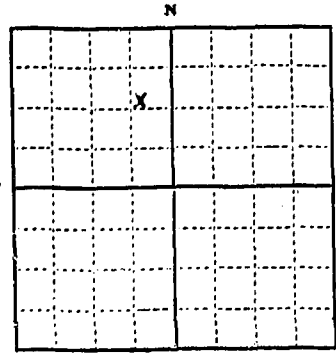
Date well started 12/5/61 Date Completed 12/7/61

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'-2" above G.L. to	67'-6"	None		



Static Water Level for non-flowing Well 18' from G.L. feet.

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

Pumping Water Level 25 feet at 25 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) 5 ACRES

License # 7

Driller's License Number

Glenn Camp  
Driller's Signature

Lot 4  
1/4 Sec 24 T. 13. R. 19  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

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.

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.

374

213967

*Copy*  
I received and filed this instrument for  
record on the 9 day of *Dec* 1967  
at 1:15 o'clock P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BEHNER, County Recorder  
By *Alvin J. ...* Deputy  
Fee \$... Paid

Number 14

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

T. 13N R. 19W 24

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County Missoula

RECEIVED  
SEP 30 1964  
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Well in East Missoula

Owner Montana Power Address Missoula

Driller Glen Camp 705 Alder Address Missoula, Mont

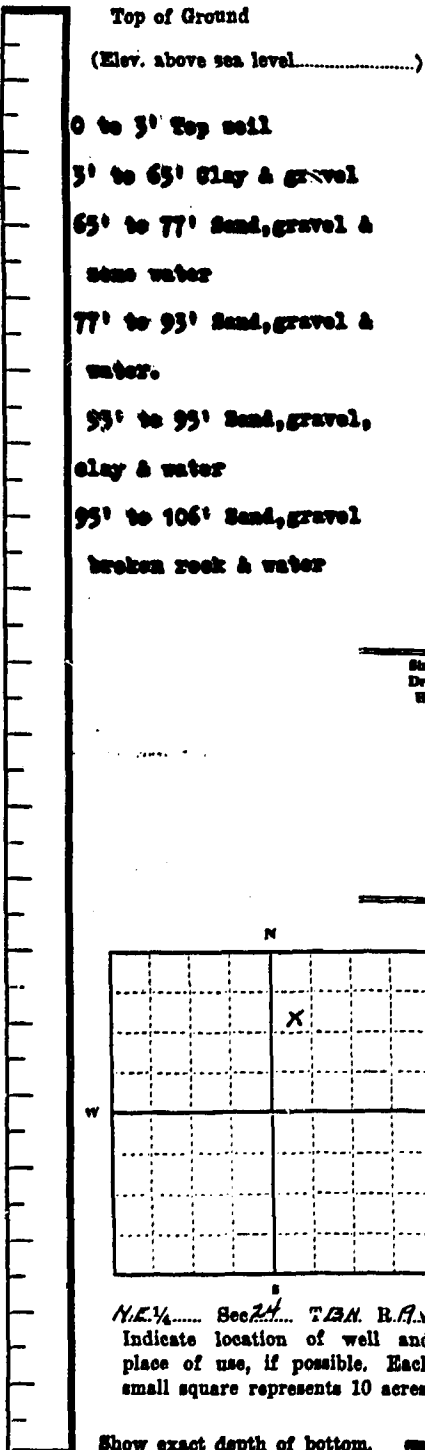
Date of Notice of Appropriation of Groundwater \_\_\_\_\_

Date well started 4/8/64 Date Completed 4/27/64

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

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
12"	12" casing 49 lbs to foot	1'-10" above S.L.	above 107'-10"	Mills Knife 6 holes to the ring 31 rings 8" apart	80'	108'

Total of 186 holes

Static Water Level for non-flowing Well 69' from top of casing \_\_\_\_\_ feet.

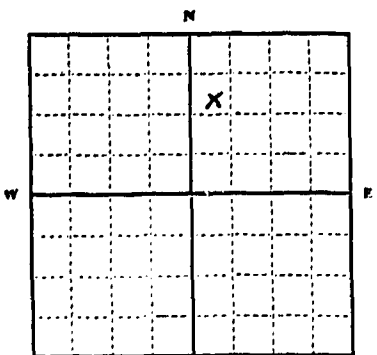
Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level \_\_\_\_\_ feet at 1200 gal. per minute.

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

How Tested PMP Length of Test 3 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) \_\_\_\_\_



N.E. 1/4 Sec 24 T. 13N. R. 19W  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

THE MONTANA POWER CO.  
By Walter Talbot  
Vice President  
40 E. Broadway  
Butte, Montana  
APPROPRIATOR

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.

38503

227-10

I received and filed this instrument for  
 record on the 28 day of Sept., 1968.  
 at 2:24 P.M. permanent files  
 of Mineral County, State of Montana  
 Witness my hand  
 Verance B. Cague, County Recorder  
 By *[Signature]* Deputy  
 Fee \$ *[Signature]* Paid

RECORDED  
 INDEXED  
 1968 SEP 28 10 30 AM  
 COUNTY CLERK  
 MINERAL COUNTY, MONTANA

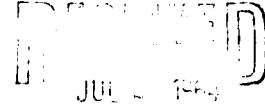
File No. ....

T 13N R 19W

**DUPLICATE**

County MISSOULA

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



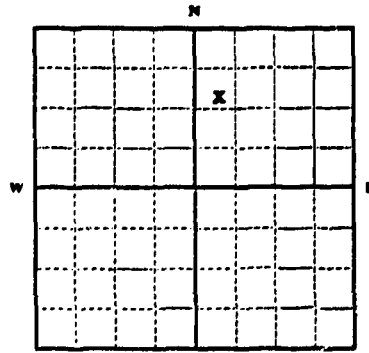
**Notice of Appropriation of Groundwater**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. I, THE MONTANA POWER COMPANY, of 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 Municipal Use  
(describe lands to be benefited, if for irrigation)
3. The rate of use in gallons per minute or miner's inches of groundwater claimed. 800 GPM
4. The annual period (inclusive dates) of intended use. 12 Months
5. The probable or intended date of first beneficial use. July 1964
6. The probable or intended date of commencement and completion of the well<sup>o</sup> or wells<sup>o</sup>.  
July 1964
7. The location, type, size and depth of well or wells contemplated.  
East Missoula, Churn Drilled, Cased with 49#, 12" Casing
8. The probable or estimated depth of the water table or artesian aquifer. 60 Feet
9. Name, address and license number of the driller engaged.  
Glenn Camp, 705 Alder Street, Missoula, Montana, License No. 7

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



NE 1/4 Sec. 24 T. 13N R. 19W  
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator: [Signature] MISSOULA DIVISION MANAGER  
Date: July 13, 1964

\* 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.

38314



428

223910

I received and filed this Instrument for  
record on the 17 day of July, 1964  
at 9:30 o'clock A.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Veronica R. Cause, County Recorder  
By [Signature] Deputy  
Fee \$ 2.50 Paid

24

File No. ....

T. 13N R. 19W

DUPLICATE

County... Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

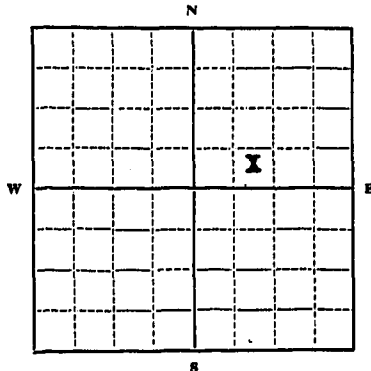
RECEIVED  
APR 17 1962

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, The Montana Power Company, of 40 East Broadway Butte  
(Name of Appropriator) (Address) (Town)  
County of Missoula State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NE 1/4 Sec. 24 T. 13N R. 19W

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 Municipal supply

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1955, 24 hrs. per day for each year since 1937

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 600 gallons per minute - 24 hours per day

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 Pumped from well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 7, 1937, no date for completion

8. The depth of water table 50'

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 12" steel casing - 100' deep

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

11. The log of formations encountered in the drilling of each well if available 0' to 38' clay, boulders, gravel and some sand, 38' to 86' some sand, few boulders and coarse gravel, 86' to 100' gravel and some sand

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

(CORPORATE SEAL)  
ATTEST: [Signature]  
Its Secretary

THE MONTANA POWER COMPANY  
By [Signature]  
Signature of Owner Vice President  
Date February 1, 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.

121

Copy

192061

I received and filed this instrument for record on the 16 day of April, 1920 at 8:47 o'clock A.M., permanent files of Missoula County, State of Montana

Witness my hand:  
**MARTIN S. BEHNER**, County Recorder

By Oliver J. Mallard Deputy  
 Fee \$ 1.00 Paid

RECORDED AT THE TIME OF RECORDING

INDEXED

RECORDED AT THE TIME OF RECORDING

330

C

North 1/4 #4 East 1/4, #1 24

5th Street E. Helena

T. 13 N. R. 19 W. County: Blaine

MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

WATER WELL LOG

RECEIVED JUL 3 1975 MONT. DEPT. OF NATURAL RESOURCES & CONSERVATION

Grid with handwritten '24' in the center.

Owner: Montana Power Company Address: Helena, Montana
Driller: D. J. ... Address: ...
Date Started: June 7, 1957 Date Completed:
Location: Sec. 24 T. 13 N. R. 19 W. 1/4 sec. 5 N. 1/4 of 1/4 E. 1/4

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

Water use: Domestic [ ] Municipal [X] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other: [ ]

Casing: 0' ft. to 86' ft. Type: 4 1/2" U.S. Casing Size: 1 1/2" E.P. threaded
Casing: ft. to ft. Type: Size:
Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. 86' to ft. 100' Ft. to ft.

Type of screen or perforations: Perforated 1/2" x 1 1/4" Slots 2 slots per ft.

Static Water level, for non-flowing well: 65' below surface of ground feet.

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

Pumping water level: 80' feet at 400 gal. per min.

How tested: Permanent 25 H.P. Reciprocating Pump Water Flow meter
Length of test:

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Note: The original 25 H.P. pump was shut off with a 50 H.P. 500 G.P.M. pump in 1955. Well was tested with a...

(over)



ADDENDUM.

Form:  Declaration of Vested Groundwater Rights

Notice of Completion of Groundwater  
Appropriation by Means of Well

Name of  
owner:

Alex Johnson

Corrected  
land description:

1/4 NW 1/4 SW 1/4 NW  
Sec. 24 T13N R14W

Initials: CS

File No. ....

T. 13 N. R. 17 E. 24

DUPLICATE

County. **R Missoula**

DEC 20 1963

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

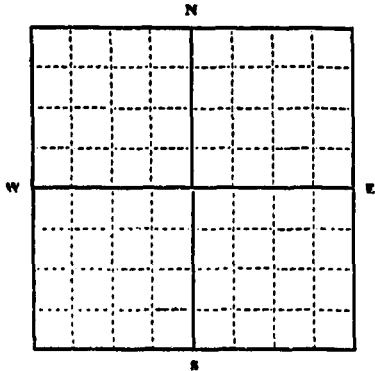
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alex Johnson (Name of Appropriator), of Rte 4 E. Missoula (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. Sprinkling and residential use in trailer court

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. May-1957

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2000 gal per hr

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 in trailer court

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. lot 4 30 West corner 355 Montana Ave E. Missoula

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. April-1957

8. The depth of water table. 22 1/2 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, 6 in casing, 110 ft depth

10. The estimated amount of groundwater withdrawn each year. 4 homes + 11 trailers

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. We went to Court house for this information 5 yrs ago + wrote to Helena to register our well and they did not know anything about it.

Signature of Owner. Alex Johnson

Date. Dec 10, 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.

401

214538

*Copy*  
I received and filed this instrument for  
record on the 19 day of Dec 1967  
at 2:30 o'clock P. M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BEHNER, County Recorder  
By [Signature]  
Fee \$ 2.00 Paid



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

T. 13 R. 19

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

RECEIVED  
SEP 13 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 7 1/2' Pit

7 1/2' to 19' Boulders, heavy gravel & clay

19' to 41' Heavy gravel & sand

41' to 66' Water, sand & gravel

66' to 70' Water & fine sand

70' to 72' water & gravel

Owner Bert Somnata Address East Of Missoula

Driller Glean Camp 705 Alder Address Missoula

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

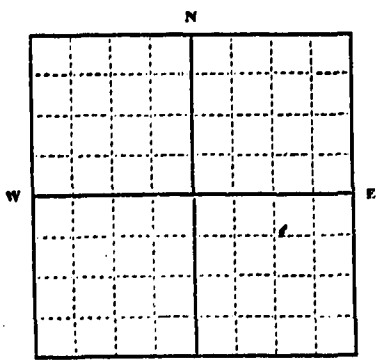
Date well started 8/17/63 Date Completed 9/22/63

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)
6"	6" I.P. seamless 19 lbs to feet	22" above floor of pit to 74'		None		



1/4 Sec. 24 T. 13 R. 19  
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..... 33' from G.L. .... feet.

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

Pumping Water Level..... 38 feet at 20 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

Glean 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.



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

DUPLICATE

T 17 R 19

County Missoula

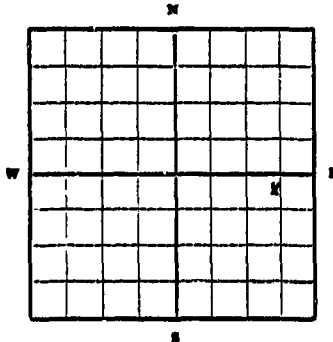
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
OCT 11 1963

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

1. Basil E. Trallope (Name of Appropriator), of 205 No. Tower (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:



NE 1/4 Sec. 24, T.13, R.19

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 25, 1960  
constantly

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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 2.0 ac., lawns & gardens  
Basil E. Trallope

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 21, 1960 - August 26, 1960

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 4" casing 42' deep

10. The estimated amount of groundwater withdrawn each year 3285,000 gallons

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

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

Signature of Owner Basil E. Trallope

Date Sept 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.

copy  
# 275

211407

I received and filed this instrument for  
record on the 30 day of Sept. 1963  
at 2:00 o'clock P. M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BESNER County Recorder  
By [Signature] Deputy  
Fee \$ 00 Paid

File No. ....

T. 13<sup>N</sup> R. 19 West

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
JAN 8 1964

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 5' Pit
- 5' to 11' Sand, gravel & Boulders
- 11' to 67' Clay
- 67' to 70' Clay, sand & gravel
- 70' to 73' Sand, gravel & boulders
- 73' to 81' Sand, gravel, some Clay & water
- 81' to 83' Gravel & boulders
- 83' to 91' Sand, gravel & water
- 91' to 97' Sand, gravel & clay
- 97' to 98' Sand, gravel with water

Owner Bob Vaughn & Bob Lawrence Address East Missoula  
Driller Glenn Camp 705 Alder Address Missoula, Montana

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

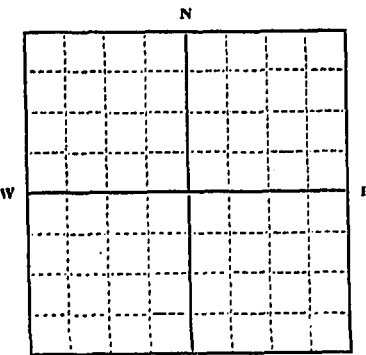
Date well started 11/12/62 Date Completed 11/25/62

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 14lbs to foot	1' above G.L.	to 99'-2"		none	



SE 1/4 NW 1/4 Sec. 24 T. 13 R. 19 West

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..... 68' from top of casing feet.

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

Pumping Water Level..... 68' from top of casing feet at 15 gal. per minute.

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

How Tested Bailer Length of Test 3 1/2 hours

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

none

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.

17678



24

File No. ....

T. 13<sup>N</sup> R. 19<sup>W</sup>

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

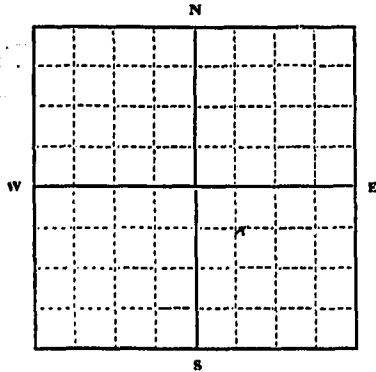
RECEIVED  
JAN 3 1965  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Henry W. Wiedmer, of PO Box 937 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:



NW 1/4 SE 1/4 Sec. 24 T. 13 R. 19

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.....  
July 1953; Everyday use

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
400 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.....  
Domestic use for around the house

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
5/8" pack - Motss Pump

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

8. The depth of water table.....  
Approximately 60 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....  
Cased; 4" casing; 98 feet deep

10. The estimated amount of groundwater withdrawn each year.....  
Approximately 10,000 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.....  
not known

Signature of Owner Henry W. Wiedmer

Date 30 December 1965

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. 20433

1913

*Copy*  
I received and filed this instrument for  
record on the *21* day of *Dec*, 19*13*  
at *907* o'clock *P*. M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
By *[Signature]* *[Signature]* Deputy  
Fee \$ *3.00* Paid

*[Vertical text on right edge, mostly illegible]*



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

T 13N R 19W 25

FEB 13 1970

DUPLICATE

County Missoula

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground  
(Elev. above sea level) Approx. 3200

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

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

**Frank L. Jr. &**

Owner Viola L. Bratz Address Missoula, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 1/15/70 Date completed 1/19/70

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

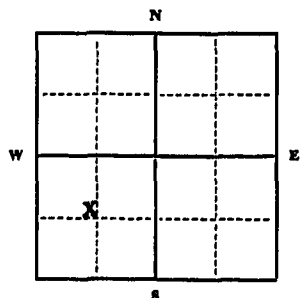
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

**Formations Log:**

- 0 - 18 Gravel & cobbles mixed with some gray silt.
- 18 - 41 Silty sand, gravel and cobbles.
- 41 - 53 Cobbles and boulders imbedded in tan clay.
- 53 - 66 Cobbles and boulders mixed with fine sand and gravel.
- 66 - 83 Fine sand and gravel mixed with tan silt.
- 83 - 86 Clean coarse sand and gravel. Water.

Water rises in the well 57 feet from surface.

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"	+2	86	NONE		



Static Water Level for non-flowing well 57 feet.

Shut-in Pressure for Flowing Well None

Pumping Water Level 73 feet at 100 gal. per minute.

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

How Tested Air-Lift Pump

Length of Test Two hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering through open bottom of 6 inch casing. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 percent of the tested capacity of the aquifer. (Continue on reverse side)

SW 1/4 Sec. 25, T13N R. 19W

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

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).

Lots 11 and 12, Block 39, Union Addition, Missoula County, Montana

Doc. No. 288628  
 filed for record  
 this 10 day of February  
 A. D. 19 70, at \_\_\_\_\_  
 o'clock \_\_\_\_\_ M.

Show exact depth of bottom.  
**Bottom of well 86'**

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

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

52  
 Driller's License Number  
William B. Osborne  
 Driller's Signature.

# 1957

288628

I received and filed this Instrument and  
 record on the 10 day of Feb 1970  
 at 10 o'clock AM of the County of Missoula  
 of Missoula County, State of Montana  
 Witness my hand  
 Veronique J. Crosby, County Clerk  
 By Speth H. Smith Deputy  
 Fee \$ 2.00 Paid ck.


Approved by me, Notary Public for the State of Montana, on this 10th day of February, 1970.  
 Veronique J. Crosby, County Clerk  
 Speth H. Smith, Deputy

ADDENDUM

Form:  Declaration of Vested Groundwater Rights

Notice of Completion of Groundwater  
Appropriation by Means of Well

Name of  
owner:

Julius + Alice Rademacher

Corrected  
land description:

1/2 CE + SW 1/4 SW  
Sec. 25 T13N R20W

Initials:

CS

3918 South Ave. W.

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

DUPLICATE

T. 13<sup>N</sup> R. 19<sup>W</sup> 2595<sup>2</sup>  
County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

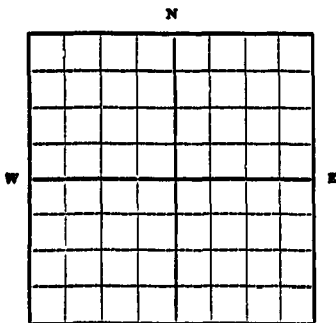
RECEIVED  
DEC 20 1963

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

STATE ENGINEER

Rademacher, Julius R. & Alice M., of 3918 South Ave. W. (Rte #1)  
(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:



OR. HO. CO. #6

..... 1/4 ..... Sec. 95 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 irrigating and household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been # 1 1937  
# 2 1961  
daily use

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof # 1 well irrigating the lawn and garden  
3/4 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal # 1 well, west side of house; # 2 well east side of house; water withdrawn by pumps.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater # 1 1937 # 2 1961

8. The depth of water table # 1 19 ft # 2 19 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 water to 20 ft.  
# 2 water to 20 ft.; # 1 3 inch casing and 32 ft deep, # 2 4 inch casing and 60 ft deep.

10. The estimated amount of groundwater withdrawn each year 75,000 gallons a 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 \_\_\_\_\_

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.

10968

444

214509

*Copy*  
 I received and filed this instrument for  
 record on the 13 day of Dec 1955  
 at 10:30 o'clock A. M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 MARTIN S. BEHNER, County Recorder  
 By Martin S. Behner Deputy  
 Fee \$ 2.00 Paid

*[Faint, mostly illegible text, possibly bleed-through or a second page of a document]*

ADDENDUM

Form:  Declaration of Vested Groundwater Rights  
 Notice of Completion of Groundwater  
Appropriation by Means of Well

Name of owner: Dorothy J. Burrell

Corrected land description: 1/4 SE 1/4 SW 1/4 SW  
Sec. 25 T. 13N R. 20W

Initials: CS

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

DUPLICATE

T. 13<sup>W</sup> R. 19<sup>W</sup> S. 25<sup>2</sup>  
County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

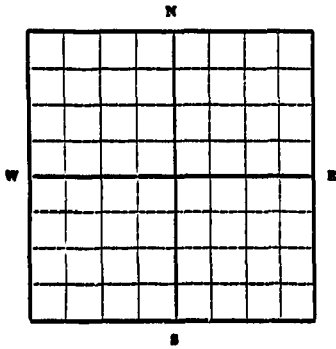
RECEIVED  
DEC 20 1963

STATE ENGINEER

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

1 Mrs. PAUL (Dorothy J.) Burrell, of 3912 So. Ave W. Route #1  
(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 irrigating household use

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

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

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

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

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

8. The depth of water table 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 water to 18 ft. 3 inch casing, depth 47 ft.

10. The estimated amount of groundwater withdrawn each year 50,000 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 Mrs Dorothy J. Burrell  
Date Dec 9, 1963

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

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

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

443

214508

*Copy*  
I received and filed this instrument for  
record on the 17 day of Dec, 1967  
at 11:30 o'clock A. M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BENNER, County Recorder  
By Martin S. Benner Deputy  
Fee \$ 1.00 Paid





○ #2072 297771

I received and filed this instrument for record on the 14th day of Dec, 1970 at 1:15 o'clock P.M., permanent file of Missoula County, State of Montana  
Witness my hand:  
Veranda E. Crouse, County Recorder  
By Robert G. Rasmussen, Deputy  
Fee \$ 0.00 Paid

RECORDED	INDEXED	FILED	SEARCHED	SERIALIZED
DEC 15 1970	DEC 15 1970	DEC 15 1970	DEC 15 1970	DEC 15 1970
MISSOULA	MISSOULA	MISSOULA	MISSOULA	MISSOULA
CLERK	CLERK	CLERK	CLERK	CLERK

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

T. 13N R. 19W 25

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Missoula

LOG

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

Top of Ground Approx. 3200'  
(Elev. above sea level)

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

(Under Chapter 237, Montana Session Laws, 1961)

Formations Log:

- 0 - 8 Cobblestones & boulders mixed in tan silt.
- 8 - 42 Cobblestones & boulders mixed in tan clay.
- 42 - 64 Sand & gravel.
- 64 - 71 Brown sandy clay.
- 71 - 75 Fine sand & gravel. Some water.
- 75 - 78 Clean coarse gravel. Water.

Owner Gordon Construction Co. Address Missoula, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 2/25/65 Date completed 3/4/65

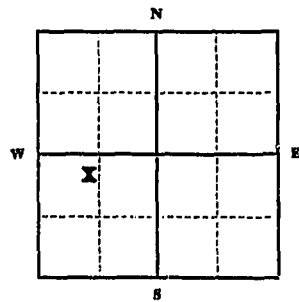
Type of well Drilled Equipment used Cable Tools  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 1/4"	+1'9"	78'	NONE		

Water rises in the well 48 feet from surface.



Static Water Level for non-flowing well 48 feet.

Shut-in Pressure for Flowing Well None

Pumping Water Level 63 feet at +90 gal. per minute.

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

How Tested Air Lift Pump

Length of Test Four hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well from open bottom of six inch casing. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped. i.e. they should be pumped at rates not in excess of 50 to 75 percent of the tested capacity of the aquifer.

N 1/4 SW 1/4 Sec. 25 T. 13N R. 19W

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

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).

Lots 9, 10, 11, 12, Block 10, Union Addition

Show exact depth of bottom.

Bottom of well 78'

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

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

Driller's License Number

*William B. Cabone*  
Driller's Signature

45,096

1868

279969

I received and filed this Instrument for  
 record on the 31<sup>st</sup> day of March 1969  
 at 11:30 o'clock P.M. permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 Verance R. Crouse, County Recorder  
 By M. M. Pennington Deputy  
 Fee \$2.00 Paid Cash

MISSOULA COUNTY RECORDERS OFFICE  
 MISSOULA, MONTANA


This instrument is subject to the provisions of the  
 Montana Homestead Act, Chapter 10, Title 71, M.C.A.  
 and the provisions of the Montana Homestead Act,  
 Chapter 10, Title 71, M.C.A.

C

GW 2

File No. ....

T. 13<sup>N</sup> R. 19<sup>W</sup>

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERS  
RECEIVED  
JAN 3 1968  
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)

Owner John Ira King Address 516 Clements Rd. Missoula, Montana

Driller John Ira King Address 516 Clements Rd. Missoula, Montana

Date of Notice of Appropriation of Groundwater not known

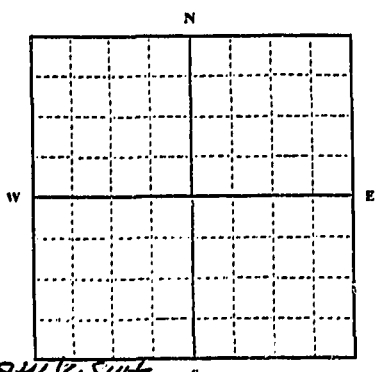
Date well started not known Date Completed not known

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

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)
<u>driven</u>	<u>one 4"</u> <u>two 3"</u> <u>weight</u> <u>unknown</u>	<u>0</u>	<u>60</u>	<u>Rectangle</u> <u>4" x 1"</u>	<u>0</u>	<u>10</u>



Static Water Level for non-flowing Well not known feet.

Shut-in Pressure for Flowing Well not known

Pumping Water Level not known feet at not known gal. per minute.

Discharge in gal. per min. of flowing well not known

How Tested not tested Length of Test not tested

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) .....

two acres

SW 1/4 SW 1/4  
1/4 Sec. 25 T. 13 R. 19

Indicate location of well and place of use, if possible. Each small square represents 10 acres.  
plot 57, 58, 59 x 60 - addition #6  
Show exact depth of bottom.

orchard home  
3 wells on #60

Driller's License Number by owner

Driller's Signature John King

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.

2011

991 2154 65

I received and filed this instrument for  
record on the 9<sup>th</sup> of Dec 1963  
at 2:46 o'clock P.M. permanent files  
of Missoula County, State of Montana  
Witness my hand  
MARTIN S. BERNER County Recorder  
By Martin S. Berner Deputy  
Fee \$ 2.00 Paid


This instrument was filed for record on the 9th day of December 1963 at 2:46 o'clock P.M. in the permanent files of Missoula County, State of Montana. The fee thereon is \$2.00.

I, the undersigned, County Recorder of Missoula County, Montana, do hereby certify that the above instrument was duly filed for record on the date and at the time and place above stated.

MARTIN S. BERNER  
 County Recorder

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

T. 13 N. R. 19 W

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
MAY 13 1964  
STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

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

0 to 26' Tight clay  
and gravel

26' to 29' Gravel some water owner Mrs Selma Hood Address 3980 South Ave W

29' to 51' Sand & Clay Driller Glenn Camp 705 Alder Address Missoula, Mont

51' to 64' Gravel &  
water

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

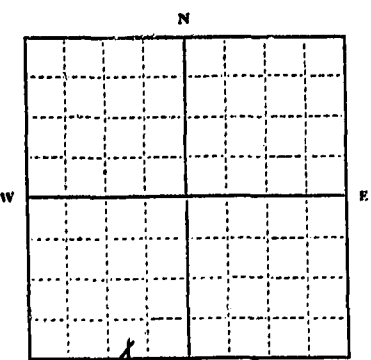
Date well started 3/19/64 Date Completed 3/21/64

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"	5" I.D. 14 lbs Seamless	1' above G.L. to 650 ft.		None		



SE. 1/4 Sec. 25 T. 13. R. 19  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 24 feet.

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

Pumping Water Level 26 feet at 20 With Bailor gal. per minute.  
75 G.P.M. with compressor

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).....

None

Show exact depth of bottom.

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.

1408

221338

Copy

I received and filed this instrument for  
 record on the 17<sup>th</sup> day of May 1908  
 at 2:00 o'clock P.M., permanent files  
 of Missoula County, State of Montana

Witness my hand:  
 MARTIN S. BEHMER, County Recorder

By Vera Behmer Deputy  
 Fee \$ 2.00 Paid

MISSOULA COUNTY RECORDERS OFFICE  
 MISSOULA, MONTANA  
 RECEIVED  
 MAY 17 1908



County Missoula 25

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 Martin Neuhausen

Address Missoula, Montana

Date well started Mar. 14, 1971

completed Mar. 15, 1971

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

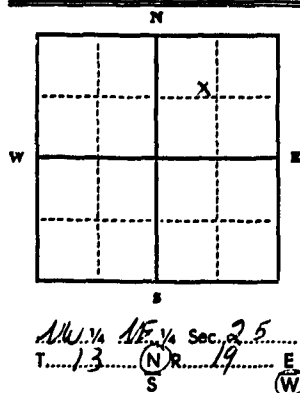
Equipment used Churn Drill  
(Churn drill, rotary or other)

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

\*Describe \_\_\_\_\_  
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 3,500,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17#	1 up	58 1/2			



Static water level ..... 11 ..... ft.\*  
Pumping water level ..... 25 ..... ft.\*  
at ..... 75 ..... gallons per minute,  
measured .60 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by Compressor  
for ..... 2 ..... 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 Chuck Kellert

Driller's Address C.K.C. Drilling, P.O. 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 (Feet)	To (Feet)	
0	2	Topsoil
2	7	Sandy gravel and clay
7	12	Sand and gravel
11	11	Static water level
12	25	Sand, gravel and water
25	42	Sand and water
42	48	Clay
48	55	Sand and water
55	58 1/2	Sand, gravel and water

58 1/2 Show exact depth of bottom

49,779

#2224

311832

I received and filed this instrument for  
record on the 19 day of Jan 1892  
at 11:00 o'clock A.M. permanent office  
of Missoula County, State of Montana  
Witness my hand  
Vernon R. Cripps, County Recorder  
By Marion R. Cripps, Deputy  
Fee \$ . . . . . Paid

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

T. 13 N. R. 19 W

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

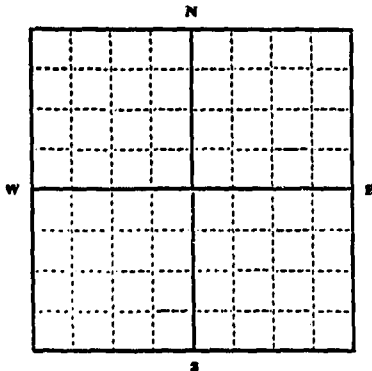
Declaration of Vested Groundwater Rights

JAN 3 1968

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Orval Ohlson, of 926 Gladys St. 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:



S.E. 1/4 Sec 25 T. 13 N. R. 19 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 irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 4 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100

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  
Half an addition 3 ac

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 March 4 Completed March 5 1963

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 4" casing 47 ft

10. The estimated amount of groundwater withdrawn each year 350,000 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 unknown

Signature of Owner Orval Ohlson

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.

9016

215490

I received and filed this instrument for  
record on the 31 day of Dec 1963  
at 3:24 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 \$..... Paid

C

MISSOULA COUNTY CLERK  
MISSOULA, MONTANA  
RECORDED  
INDEXED  
215490