

RECEIVED

16N-19W P.A.D.  
County Lake

AUG 28 1972

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 Glenn A Kelly  
Address 1621 S. 4th  
Missoula, Montana

Date well started July 22, 1972  
completed August 7, 1972

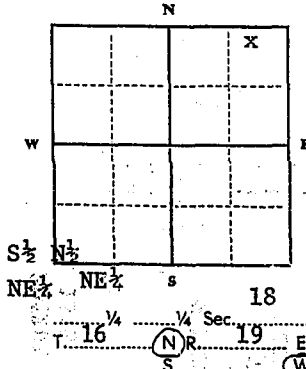
For Administrator's Use	
File	<u>205281</u> <u>R 1373</u>
Date	<u>Aug 25, 1972 - 1:45 p.m.</u>
Well No.	<u>GW 1</u>

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 Daw Home site  
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"</u>	<u>"6" casing</u> <u>0.25 thickness</u> <u>#19 pipe</u>	<u>14 down</u>	<u>99' 2"</u>	<u>none</u>		



Static water level 74' ft.\*  
Pumping water level 79' ft.\*  
at 13 gallons per minute,  
measured 10 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by pumping  
for 2 hours.  
Power 34 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	Description
<u>0</u>	<u>2</u>	<u>Top soil - some</u>
<u>2</u>	<u>43</u>	<u>Clay - sand</u>
<u>43</u>	<u>98</u>	<u>Red clay - some</u> <u>gravel</u>
<u>98</u>	<u>102</u>	<u>Drilled water</u>

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.  
Driller's Signature [Signature]  
Driller's Address 1420 Clement Rd  
Missoula, Montana LICENSE NO. 227

102' Show exact depth of bottom

51,244

Vertical text on the right margin, including "MISSOULA COUNTY" and "MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION".

18  
B

lick  
and  
show  
and  
well.

**205281**  
**R 1373**

**GLENN A. KELLY**  
**TO**  
**THE PUBLIC**  
**WELL REPORT**

*14F*  
*PS*  
*14F*  
*PS*

*4116 ft  
092 109  
1860 ft  
1860 ft  
1860 ft  
1860 ft*

*Handwritten notes and signatures in the right margin:*  
*1860 ft  
1860 ft  
1860 ft  
1860 ft  
1860 ft  
1860 ft  
1860 ft  
1860 ft*

STATE OF MONTANA }  
County of Lake  
Filed on the 25 day of Aug  
A. D. 1972 at 11:45 o'clock  
ETHEL M. HARDING  
County Clerk and Recorder  
By *Joan Bell*  
Deputy

bottom

44

3. GW. 2. Revised 1969  
13-3M-10/69

RECEIVED

16N-190  
County: Lea

FEB 16 1972

DRILLER'S LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION  
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 Henry Maas & Catherine P. Maas  
Address Aglee, Montana  
Date well started 12/21/71 completed 1/5/72

For Administrator's Use  
File R-1320, #202312  
Feb. 15, 1972, 11:20 a.m.  
GW 1

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

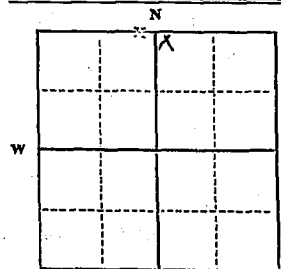
Equipment used churn drill  
(Churn drill, rotary or other)

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).

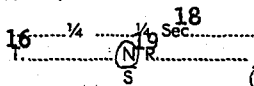
ESTIMATED ANNUAL WITHDRAWAL 30,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8 17 #	2' above ground	109	5" plastic 102' 6" to 123'	108	111



Static water level 98 ft.\*  
Pumping water level 98 ft.\*  
at 8 gallons per minute,  
measured 120 minutes after pumping began.  
\*Measured from ground level.  
Well developed by baller  
for 6 hours.  
Power 220 Pump 1/2 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

NW 1/4 NE 1/4



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

Driller's Signature George A. Beebe

Driller's Address box 47

Ray, Montana LICENSE NO. 204

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	2	top soil
2	58	clay & gravel
58	63	tan clay
63	97	gravel & sandstone or clay
97	111	gravel & sand
111	123	tan clay
123	123	tan clay & gravel

Show exact depth of bottom

123

49874

R-1320

#202317

Henry & Catherine  
P. Maas

To

The Public

Well Report

STATE OF MONTANA  
County of Lake

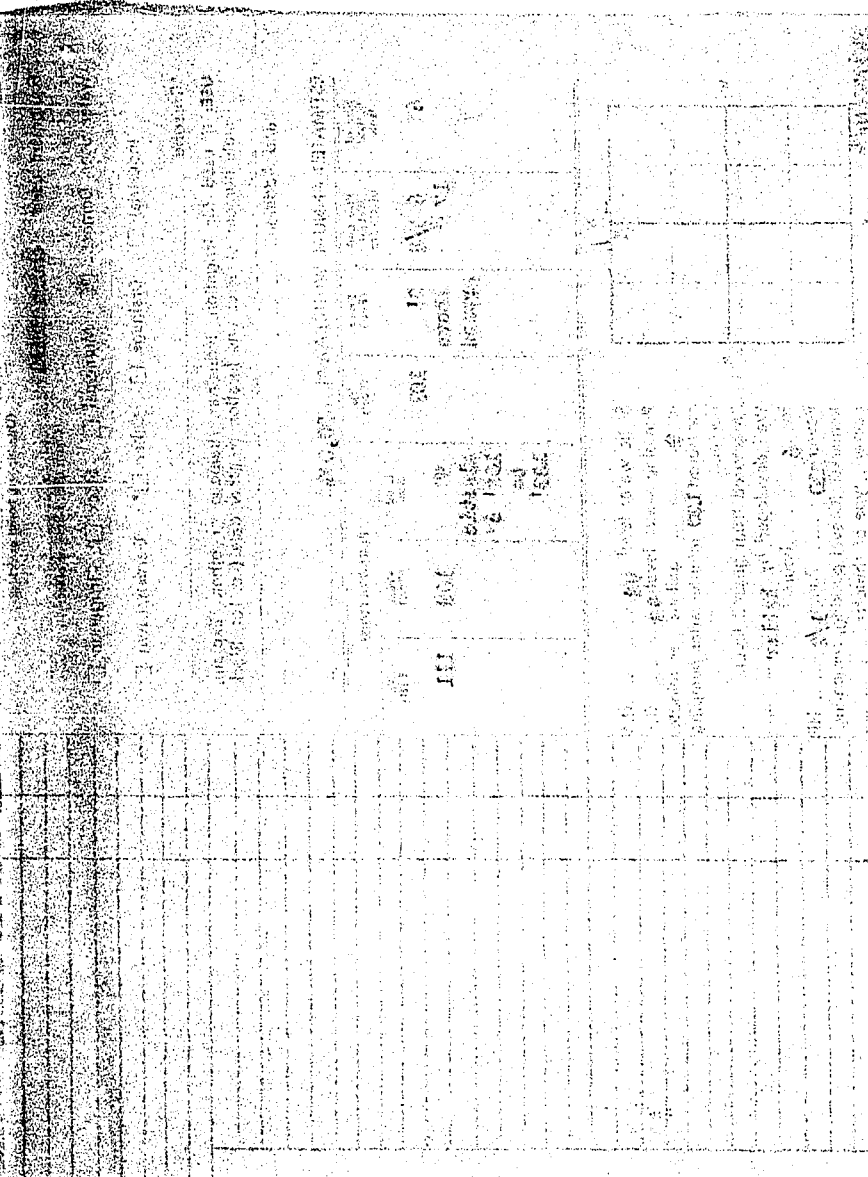
Filed on the 15 day of Feb.

A. D. 1972 at 11:20 o'clock A.M.

ETHEL M. HARDING

County Clerk and Recorder

by *James B. Best*  
Deputy



STATE WATER CONSERVATION BOARD

File No.

T. 16 N. R. 19 W.

DUPLICATE

DEC 19 1966

County Lake

Billings \_\_\_\_\_ Mc Dermott  
 Butte \_\_\_\_\_  
 Coyle \_\_\_\_\_  
 Darby \_\_\_\_\_  
 Dickinson \_\_\_\_\_  
 Dikert \_\_\_\_\_

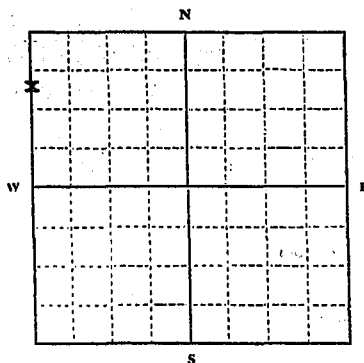
STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Joseph A. and Edna Boyer, of Arlee,  
 (Name of Appropriator) (Address) (Town)

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



1/4 Sec. 28 T. 16N. 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  
~~stock water and domestic use~~
3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 10, 1952
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 gallons 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  
Farmyard irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
2 inch pipe from spring to point of use  
(approximate distance 675 feet)
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 10, 1952 and prior thereto
8. The depth of water table Unknown - is a spring
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
Spring at surface. Boxed by 6 foot by  
6 foot cement enclosure
10. The estimated amount of groundwater withdrawn each year 450,000 gallons annually
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 The water has been withdrawn from  
this spring by predecessors since about 1925.

Joseph A. Boyer Edna Boyer  
 Signature of Owner

Date December 12, 1966

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

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

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

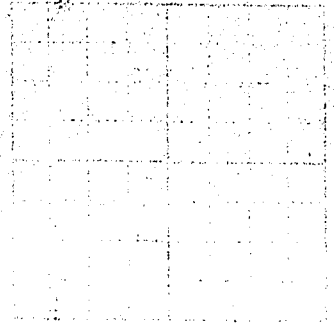
41, 458

R-1052

178136  
Water Rights  
Joseph A. & Edna Boyer  
To  
The Public

STATE OF MONTANA }  
County of Lake } ss  
Filed on the 15 day of Dec  
A. D. 1966 at 3:00 o'clock P. M.  
HAZEL KINNICK  
County Clerk and Recorder  
By Mae Johnson  
Deputy

2.00



*[Faint, mostly illegible text and markings, possibly bleed-through from the reverse side of the page.]*