

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—390

File No. ....

T. 29 R. 13E

DUPLICATE

County CHouteau

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
JAN 7 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 TOP + SUB SOIL  
6 SANDY BROWN CLAY  
16 SAND-TRACE OF GRAVEL  
24 WATER (APPROX. 4 BPM)  
28 SOFT BLUE-GREY CLAY  
31 SAND-TRACE OF WATER

Owner: WIONELL GRASS Address: BOX ELDER MONT.  
Driller: H. L. DAWLING, SEARL Address: HAVRE, MONT.  
Date of Notice of Appropriation of Groundwater: .....  
Date well started: SEPT. 13, 1963 Date Completed: SEPT. 17, 1963  
Type of well: DRILLED Equipment Used: CABLE TOOL RIG  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)

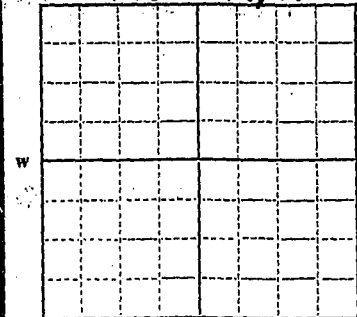
62 GREY CLAY + PEBBLES  
63 DRY GRAVEL  
67 GRAVEL + BROWN CLAY  
92 GREY CLAY

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)
104 SOFT SILTY GREY CLAY (CAVING BADLY)	7"	6 1/8" I.D. 13 # PER FT	0	113	NO PERFORATIONS		
106 SAND + SILT - WATER					WATER FLOWING		
108 MEDIUM GRAVEL - (CONSIDERABLE SAND)					THRU BOTTOM OF CASING		
113 COARSE GRAVEL - SAND - UNLIMITED SUPPLY OF WATER							

Static Water Level for non-flowing Well: 8 feet.



NE 1/4 Sec. 5 T. 29 R. 13E

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

Shut-in Pressure for Flowing Well: NOT APPLICABLE

Pumping Water Level: 25 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well: NOT APPLICABLE

How Tested: BALER 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).....

113 Show exact depth of bottom.

ACTUAL DEPTH OF GRAVEL NOT DETERMINED - GRAVEL  
VERY FREE + CAPABLE OF YIELDS OF WELL OVER  
1000 BPM IF DEVELOPED + SCREENED  
WATER ANALYSIS - HARDNESS 26 IRON - 0.1 PPM PH 8.0

Driller's License Number 46

Driller's Signature Robert Greiner

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.

26249

☐ Investigation ☐ Other ☐ Complaint ☐ Information ☐ Indictment ☐ Information ☐ Indictment ☐ Information ☐ Indictment

The following is a list of the names and addresses of the persons who have been notified of the hearing on the return of the writ of habeas corpus in the case of *John Doe*, et al. vs. *State of Montana*.

NAME	ADDRESS	DATE	TIME	PLACE
JOHN DOE	123 MAIN ST.	12/30/68	10:00 AM	COURT HOUSE
JANE SMITH	456 PINE ST.	12/30/68	10:00 AM	COURT HOUSE
JOHN SMITH	789 OAK ST.	12/30/68	10:00 AM	COURT HOUSE
JANE DOE	101 BIRCH ST.	12/30/68	10:00 AM	COURT HOUSE

The following is a list of the names and addresses of the persons who have been notified of the hearing on the return of the writ of habeas corpus in the case of *John Doe*, et al. vs. *State of Montana*.

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# 346923

STATE OF MONTANA, T. COUNTY OF CHEYENNE.

Filed DEC 30 1968

By *[Signature]* Deputy

Paid

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

DUPLICATE

T. 29 R. 13 S.

County Chouteau  
**RECEIVED**  
JAN 7 1964

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

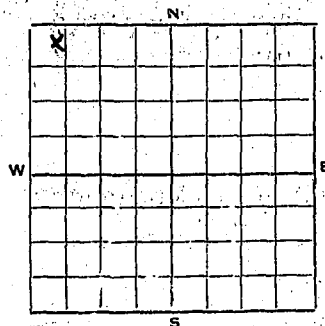
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. BERTHA GRASS, of Box Elder  
(Name of Appropriator) (Address) (Town)

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



NW 1/4 NW Sec. 5 T29 R13E

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  
For Household & Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1935

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal None  
Not being used at present

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

8. The depth of water table 22 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Hand Dug 4 ft diameter  
25 ft deep, concrete lined

10. The estimated amount of groundwater withdrawn each 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 BERTHA GRASS

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 School of Mines and Quadruplicate for the Appropriator.

26248

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

File No. ....

DUPLICATE

T. 29 R. 13

County. Chouteau

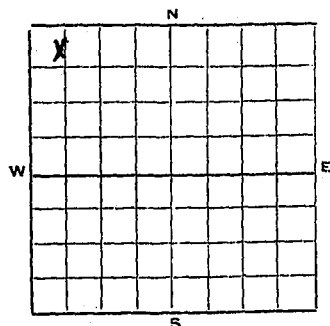
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 7 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Bertha Gass, of Box Elder  
(Name of Appropriator) (Address) (Town)  
County of Chouteau State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NW Sec. 5 T29 R13E

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  
For Household & Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1928
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 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
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 1928
8. The depth of water table 23 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 Hand dug, 4 ft diameter  
2.5 feet deep, concrete lined
10. The estimated amount of groundwater withdrawn each year 1000 gals.
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 Bertha Gass

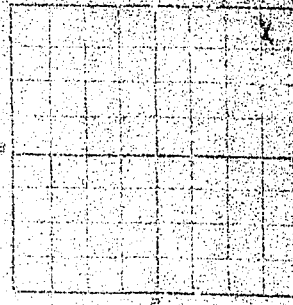
Date Dec. 30, 1963

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 School of Mines and Quadruplicate for the Appropriator.

26247



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

County of Chouteau State of Montana

1. The point of appropriation is located on the North Fork of the Yellowstone River at the mouth of the river in the County of Chouteau State of Montana.

2. The amount of groundwater claimed is 1000 cubic feet per minute.

3. It is requested that the right be granted to the owner thereof to which water has been applied and name of the owner thereof.

4. The amount of withdrawal and water from the ground and the location of each well or other means of withdrawal.

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

6. The depth of each well, the nature of the work, the location of any other works for the withdrawal of groundwater.

7. The location of the well, wells or other works for withdrawal of groundwater.

8. Such other information as may be required in carrying out the policy of this act, including the location of the well, wells or other works for withdrawal of groundwater.

FILED  
STATE OF MONTANA  
COUNTY OF CHOUTEAU  
DEC 30 1963  
at 4:00 o'clock  
By W. H. H. H. H. County Clerk

By W. H. H. H. H. Paid

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

DUPLICATE

T. 29 R. 13

County Chouteau

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

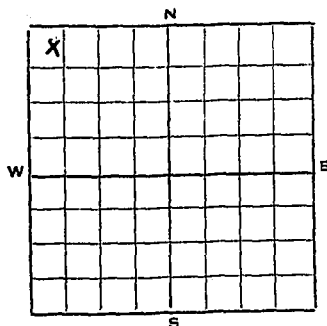
RECEIVED  
JAN 7 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. BERTHA GRASS, of Box Elder  
(Name of Appropriator) (Address) (Town)

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



NW 1/4 NW Sec. 5 T.29 R.13E

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 for Household, livestock & Garden Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 15, 1945

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 15-21, 1945

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 Drilled well, lined black iron casing, 152 ft deep.

10. The estimated amount of groundwater withdrawn each year 150,000 gal

11. The log of formations encountered in the drilling of each well if available 0-4' dirt, 4'-22' Sandy clay, 22'-45' quick sand, 45'-137' blue clay, 137'-149' Hard gray sandstone, 149'-152' Soft gray sandstone, 152' Hard sandstone.

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 Bertha Grass

Date Dec. 30, 1963

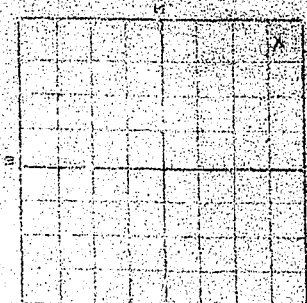
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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 School of Mines and Quadruplicate for the Appropriator.

26246

The amount of groundwater claimed (in cubic feet or gallons per minute) 2000 gal per minute  
 If used for irrigation, give the average and description of the lands to which water has been applied and name of the owner(s) James L. & Mary L. Smith  
 The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand-dug well  
 The date of commencement and completion of the construction of the well, well or other works for withdrawal of groundwater Completed 1900  
 The depth of water table 15 ft  
 So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Hand-dug well, 12 ft deep, 18 in. diameter  
 The estimated amount of groundwater withdrawn each year 2000 gal  
 The log of formation encountered in the drilling of each well if available See log on page 2  
 Such other information of a similar nature as may be needed in carrying out the policy of this act, including reference to book and page of any county record See log on page 2



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

12. Such other information of a similar nature as may be needed in carrying out the policy of this act, including reference to book and page of any county record See log on page 2  
 State of MISSISSIPPI  
 County of CHOCOLA  
 Filed DEC 3 1900  
 at 4:00 o'clock P.M.  
 by George W. Smith  
 County Clerk



File No. ....

DUPLICATE

SECTION 167

RECEIVED

MAY 20 1964

T. 29 R. 13

County Chouteau

RECEIVED

JAN 7 1964

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

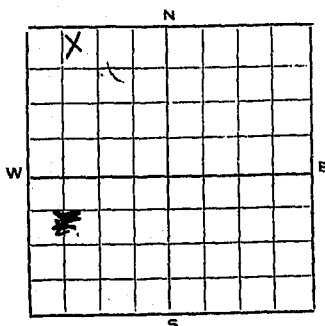
STATE ENGINEER

# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Peter Pogreba of Box Elder (Name of Appropriator) (Address) (Town)

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



N.W. 1/4 NW Sec. 11 T. 29 R. 13

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  
year around domestic use stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
year around
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
about 30 gallons 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  
garden & potato patch
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

8. The depth of water table 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  
about 5 ft across

10. The estimated amount of groundwater withdrawn each year 219,000 or so about

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

Peter Pogreba

Date Dec 30 - 1963

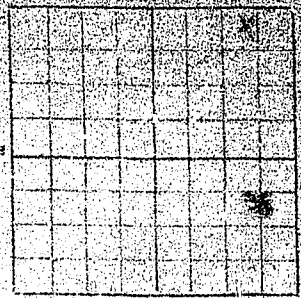
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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 School of Mines and Quadruplicate for the Appropriator.

26165

County of \_\_\_\_\_ State of \_\_\_\_\_  
 The undersigned, \_\_\_\_\_, being duly sworn, deposes and says that the following is a true and correct copy of the original record of the \_\_\_\_\_  
 1. The location of the well is \_\_\_\_\_  
 2. The depth of the well is \_\_\_\_\_  
 3. The date of construction of the well is \_\_\_\_\_  
 4. The amount of groundwater withdrawn (in gallons per minute) is \_\_\_\_\_  
 5. It is used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereon \_\_\_\_\_  
 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal \_\_\_\_\_  
 7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater \_\_\_\_\_  
 8. The height of water table \_\_\_\_\_  
 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater \_\_\_\_\_  
 10. The estimated amount of groundwater withdrawn each 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 \_\_\_\_\_



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

13. 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 \_\_\_\_\_  
 STATE OF MONTANA  
 COUNTY OF CHOUTEAU  
 DEC 30 1963  
 Filed \_\_\_\_\_  
 at \_\_\_\_\_ o'clock \_\_\_\_\_  
 By \_\_\_\_\_  
 County Clerk  
 I have copied to be filed in the County Clerk and Recorder of the County in which the well is located \_\_\_\_\_  
 Please answer all questions 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 \_\_\_\_\_  
 Original to the County Clerk and Recorder of the County in which the well is located \_\_\_\_\_  
 and a duplicate to the \_\_\_\_\_

GW1

File No. ....

DUPLICATE

T. 29 N. R. 13 E

County Chouteau

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

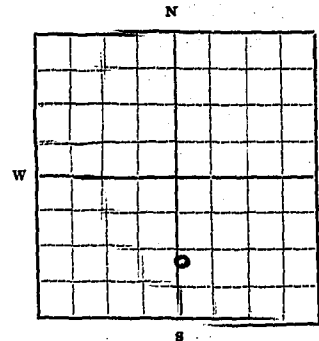
Notice of Appropriation of Groundwater  
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
SEP 6 1962

STATE ENGINEER

1. I, Mrs. Edna L. Drake, of Big Sandy (Name of Appropriator) (Address) (Town)  
County of Chouteau, 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 Stockwater, surplus  
water for irrigation of Sec. 14, T. 29 N., R. 13 E.  
(describe lands to be benefited, if for irrigation)
3. The rate of use in gallons per minute or miner's inches of groundwater claimed 100 MINER'S INCHES CONTINUOUS FLOW
4. The annual period (inclusive dates) of intended use JANUARY 1 THRU DEC. 31.
5. The probable or intended date of first beneficial use USED PRIOR TO 1910
6. The probable or intended date of commencement and completion of the well\* or wells\* SPRINGS - SEPT. 5, 1962 THRU DECEMBER 4, 1962
7. The location, type, size and depth of <sup>spring flow</sup> well or wells contemplated 1 1/4" pipe flow  
CONTINUOUS - NW 1/4 SW 1/4 SE 1/4 - Sec. 14, T. 29 N., R. 13 E.
8. The probable or estimated depth of the water table or artesian aquifer SURFACE
9. Name, address and license number of the driller engaged SELF

10. Give such other similar information as may be useful in carrying out the policy of this act. This project cleans out and restores flow in spring always used as stockwater, surplus water to be spread on Section 14, for irrigation.



NW 1/4 SE 1/4 Sec. 14 T. 29 N. R. 13 E

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator

Mrs. Edna L. Drake  
Date Sept 5, 1962

\* 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 School of Mines and Quadruplicate for the Appropriator.

2057

#341716

Notice of Appropriation

Mrs Edna L. Drake

to

The Public

STATE OF MONTANA, T.  
COUNTY OF CHOUTEAU, N.

Filed September 5 1962

at 4:00 o'clock P.

George W. Harvey  
County Clerk

By James M. Harris Deputy

Fee \$ 2.00 Paid



137	Claggett shale
	Well completed with static
	water table of 16 ft.
	from the surface with a
	40 ft. draw down.

☐ Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐ Irrigation ☒ Municipal ☒ Stock ☐ (Colum drill, rotary, or other)

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STATE OF MONTANA, <sup>1st</sup>  
 COUNTY OF CHouteau  
 Filed NOV 17 1972  
 at 4:15 o'clock P.M.  
Charles W. Henry  
 County Clerk  
 By \_\_\_\_\_ Deputy  
 Fee \$ 2.00 Paid

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5,830





Form No. 18  
8-60

T. 29 R. 13  
County Chouteau

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
NOV 6 1961

Water Well Log

STATE ENGINEER


Owner H. H. Blitz Land Co. Address Box Elder, Montana  
Driller L. G. Hanberg Address Box Elder, Montana  
Date Started Aug. 21, 1961 Date Completed Aug. 23, 1961  
Location: Sec. 16 T. 29 R. 13  $\frac{1}{4}$  sec. SW $\frac{1}{4}$

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

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 6" ft. to 136 ft. ft. Type Screw Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. None to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static water level, for non-flowing well: 16 ft. from surface feet.

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

Pumping water level 16 ft. feet at 40 ft draw down gal. per min. 24 gals.

How tested: Drill bucket or slush bucket

Length of test \_\_\_\_\_

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

(over)

## Log of Well

[illegible]

GW 3

File No. **RECEIVED**

T. 29 R. 13

ORIGINAL 15-2-1973

County Chouteau

STATE OF MONTANA  
 RESOURCES AND CONSERVATION  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater ..... 1958

Owner.....Courtnage &amp; Sons, Inc.

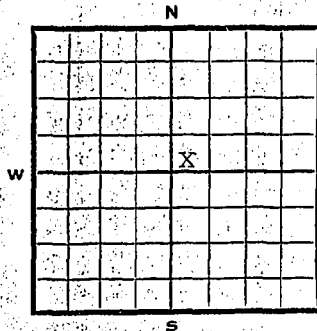
Address..... Big Sandy, Montana 59520

Contractor (if any) ..... none

Address of Contractor ..... none

Date Started..... 1958 Date Completed..... 1958

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. dug out spring with tank and  
pipe - gravity



SW 1/4 NE 1/4 Sec. 19 T. 29. R. 13.

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

used year around - stock water 3 gals per minute

ATTEST

*Helena F. Courtnage*  
 Secretary  
 (CORPORATE SEAL)

Courtnage & Sons, Inc.  
 Signature of Owner *Donald R. Courtnage*  
 President  
 Date June 26, 1973

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 School of Mines and Quadruplicate for the Appropriator.

56336

# 371308

STATE OF MONTANA, } ss.  
COUNTY OF CHOUTEAU, }

Filed CHOUTEAU 19

at 9:00 o'clock 9 M.

Serge W. Henry  
County Clerk

By \_\_\_\_\_ Deputy

Fee \$ 2.00 Paid





RECEIVED

OCT 11 1972

County CHOTEAUSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATIONNOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

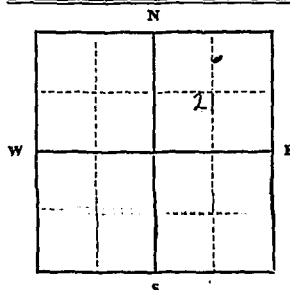
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner COWAN & SON, INC.  
Address Box 648  
Mont 59521  
Date well started AUGUST 1, 1972  
completed SEPTEMBER 7, 1972  
Type of well DRILLED  
Equipment used CABLE TOOL RIG  
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☒  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe  
Used for Irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). APR. 16.0 AC.

ESTIMATED ANNUAL WITHDRAWAL 900 G.P.M. 5 MONTH PERMANENT

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	Kind Size	From (Feet)	To (Feet)
6 5/8"	6 7/8" O.D. (219 WLL)	1 FOOT ABOVE GROUND LEVEL	148 1/2	DRILLED	169' 4"	183 1/2
6 5/8"	6 7/8" O.D. (219 WLL)	148 1/2	169 1/2			
6 5/8"	5 1/2" O.D. PVC 200	164	188 1/2			



1/4 NE 1/4 Sec. 21  
T. 29 N. R. 13 E.

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

Driller's Signature Robert J. H. H. LINE DRILLING SERVICEDriller's Address 1173 6TH ST. NO. PHONE 265-4210HAVER, MONTANA 59501 LICENSE NO. 46

L.F.

## 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	3	SOIL
6		SANDY BROWN CLAY
12		BROWN CLAY
13		SAND & CLAY MIX
25		SOFT YELLOWISH-BROWN CLAY
29		YELLOWISH-BROWN CLAY
34		SANDY YELLOWISH-BROWN CLAY
36		BROWN SAND & SILT - TRACE
		OF WATER - Cased off
39		SATURATED BROWN SAND & CLAY
42		DENSE GREY CLAY
48		SANDY GREY CLAY
52		PUNKY GREY SAND
57		SANDY & SILTY CLAY
60		GREY SAND - FLAT COAL
67		SANDY & SILTY CLAY - SOFT
70		GREY SAND - FLAT COAL - WATER - HEAVING SAND
88		GREY SAND - HEAVING SAND - WATER SHOWING INDICATION
		OF CLEARING UP
89		GREY SAND - DIRTY
92		FINE GREY SAND - COAL
94 1/2		GREY SAND
95 1/2		COARSE SAND & GRAVEL
99		GREY SAND & SILT - FLAT COAL
113		SILTY GREY CLAY
117		GREY SAND
119		GREY SILT
122		GREY SAND - CLAY PARTIAL
126		SILTY CLAY
127		GREY CLAY
128		BOULDER
130		GREY CLAY
132		GREY CLAY - SOME SAND
133		GREY SILT & FINE SAND - COAL
138		GRAVELLY CLAY - SMALL BOULDERS
156 1/2		GREY CLAY - SOME SAND & GRAVEL THROUGHOUT
158		PUNKY GREY SAND - COAL HEAVING UP CASING
163		GREY CLAY
170		SAND & LARGE GRAVEL
172		SAND & SMALLER GRAVEL
174		SAND & GRAVEL - CLAY SHOWING UP AT 173 TO 174 FT.
178		SAND & GRAVEL - CLAY & SOME FRAGMENTS SHELLS WEIN SAME
178		SMALL BOULDER
176		SAND & GRAVEL - SMALL TO 2 1/2" DIAMETER
177		SAND & GRAVEL - COAL FRAGMENTS
181		SAND & GRAVEL - CLAY SHOWING UP AT 174 GRAVEL
183 1/2		SAND - LARGE GRAVEL
186 1/2		CLAGGETT SHALE

188 1/2 Show exact depth of bottom

51,566

Doc. # 368353

STATE OF MONTANA }  
COUNTY OF CHouteau }

Filed OCT 10 1972 19

at 11:00 o'clock A.M.

By George W. Haney County Clerk

By \_\_\_\_\_ Deputy

Fee \$ \_\_\_\_\_ Paid

ESTIMATED ANNUAL WITHDRAWAL 90.59 A.M. S. Meadell R. Agency

Size of Drilled Hole	Weight of Casing Pipe	PERFORMANCES	
		From (Feet)	To (Feet)
6 3/8"	108.00	1178 1/2	1178 1/2

OCT 11 1972

County Shannon

DRILLER'S LOG

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

JAN 3 1973

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) DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENT

(Elev. above sea level)

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 COLUMBIA SOUTHERN

For Administrator's Use

Address Box E Her

File 368353

Mont 59521

Oct 10, 1972 11:00 a.m.

Date well started AUGUST 1, 1972

GW 1

completed SEPTEMBER 7, 1972

Type of well DRILLED

(Dug, driven, bored or drilled)

Equipment used CABLE TOOL RIG

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☒

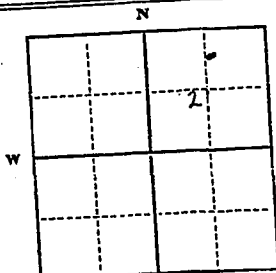
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*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). APD 160.00

ESTIMATED ANNUAL WITHDRAWAL 900 G.P.M. 5 Month Duration

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	Kind Size	From (Feet)	To (Feet)
6 7/8"	6 7/8" OD (223 WWT)	148 1/2	148 1/2	DRILLED	169' 4"	183 1/2
6 7/8"	6 7/8" OD (219 WWT)	148 1/2	169' 4"			
6 7/8"	5 1/2" OD PVC	164	188 1/2			



Static water level 16 ft.\*  
Pumping water level 20 ft.\*  
at 4.9 gallons per minute  
measured minutes after pumping began.  
\*Measured from ground level.  
Well developed by AIR  
for 48 hours.  
Power 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 H. L. H. DRILLER SERVICE

Driller's Address 1173 6TH S NW PHONE 265-4210

HAUTE MONTANA 59501 LICENSE NO. 46

L.F.

From (Feet)	To (Feet)	Strata
0	3	SOIL
3	6	SANDY BROWN CLAY
6	12	BROWN CLAY
12	13	SAND - GRAY ALK
13	25	SAND - GRAY - BROWN CLAY
25	28	GRAY - BROWN CLAY
28	34	SAND - GRAY - BROWN CLAY
34	36	BROWN SAND - SALT - TASTE
36	39	CLAY - WATER - CASED OFF
39	42	CLAY - WATER - CASED OFF
42	45	DENSE BROWN CLAY
45	48	SANDY BROWN CLAY
48	52	BROWN CLAY - SAND
52	57	SANDY - SALT CLAY
57	60	CLAY - SAND - SALT - TASTE
60	61	SANDY - SALT CLAY - SALT
61	70	CLAY - SAND - SALT - TASTE
70	72	CLAY - SAND - SALT - TASTE
72	75	CLAY - SAND - SALT - TASTE
75	78	CLAY - SAND - SALT - TASTE
78	80	CLAY - SAND - SALT - TASTE
80	82	CLAY - SAND - SALT - TASTE
82	85	CLAY - SAND - SALT - TASTE
85	88	CLAY - SAND - SALT - TASTE
88	90	CLAY - SAND - SALT - TASTE
90	92	CLAY - SAND - SALT - TASTE
92	95	CLAY - SAND - SALT - TASTE
95	98	CLAY - SAND - SALT - TASTE
98	100	CLAY - SAND - SALT - TASTE
100	102	CLAY - SAND - SALT - TASTE
102	105	CLAY - SAND - SALT - TASTE
105	108	CLAY - SAND - SALT - TASTE
108	110	CLAY - SAND - SALT - TASTE
110	112	CLAY - SAND - SALT - TASTE
112	115	CLAY - SAND - SALT - TASTE
115	118	CLAY - SAND - SALT - TASTE
118	120	CLAY - SAND - SALT - TASTE
120	122	CLAY - SAND - SALT - TASTE
122	125	CLAY - SAND - SALT - TASTE
125	128	CLAY - SAND - SALT - TASTE
128	130	CLAY - SAND - SALT - TASTE
130	132	CLAY - SAND - SALT - TASTE
132	135	CLAY - SAND - SALT - TASTE
135	138	CLAY - SAND - SALT - TASTE
138	140	CLAY - SAND - SALT - TASTE
140	142	CLAY - SAND - SALT - TASTE
142	145	CLAY - SAND - SALT - TASTE
145	148	CLAY - SAND - SALT - TASTE
148	150	CLAY - SAND - SALT - TASTE
150	152	CLAY - SAND - SALT - TASTE
152	155	CLAY - SAND - SALT - TASTE
155	158	CLAY - SAND - SALT - TASTE
158	160	CLAY - SAND - SALT - TASTE
160	162	CLAY - SAND - SALT - TASTE
162	165	CLAY - SAND - SALT - TASTE
165	168	CLAY - SAND - SALT - TASTE
168	170	CLAY - SAND - SALT - TASTE
170	172	CLAY - SAND - SALT - TASTE
172	175	CLAY - SAND - SALT - TASTE
175	178	CLAY - SAND - SALT - TASTE
178	180	CLAY - SAND - SALT - TASTE
180	182	CLAY - SAND - SALT - TASTE
182	185	CLAY - SAND - SALT - TASTE
185	188	CLAY - SAND - SALT - TASTE
188	190	CLAY - SAND - SALT - TASTE
190	192	CLAY - SAND - SALT - TASTE
192	195	CLAY - SAND - SALT - TASTE
195	198	CLAY - SAND - SALT - TASTE
198	200	CLAY - SAND - SALT - TASTE

188 1/2 Show exact depth of bottom

51,566

GY

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No. ....

T. 29 N. R. 13 E.

DUPLICATE

County Chouteau

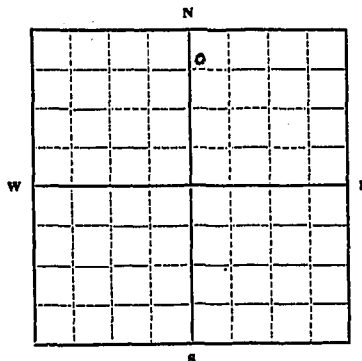
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights** SEP 6 1962

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
STATE ENGINEER

1. Mrs. Edna L. Drake, of Big Sandy  
(Name of Appropriator) (Address) (Town)  
County of Chouteau State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NW 1/4 Sec. 22 T. 29 N. R. 13 E.

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 stockwater, irrigation and household use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 2, 1945 - 12 months use. stockwater & household irrigation April 30 to October 1st.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 400 miner's inches continuous flow.

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  
NE 1/4 - Sec. 22, T. 29 N. R. 13 E - 160 acres  
SE 1/4, SW 1/4, NE 1/4 NE 1/4 - Sec. 15, T. 29 N. R. 13 E - 240 acres  
SW 1/4 - Sec. 14, T. 29 N. R. 13 E - 320 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well in NW 1/4 NW 1/4 NE 1/4 - Sec. 22, T. 29 N. R. 13 E - FM 19 jet, 6" casing.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commencement of well - June 18, 1945  
Completion of well - July 2, 1945

8. The depth of water table 248'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Depth - 248'; Type - Drilled well, 6" piping, 6" casing.

10. The estimated amount of groundwater withdrawn each year 400 miner's inches continuous flow

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

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

Signature of Owner

Date September 5, 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.

2056



#341717

Declaration of Groundwater Rights

Mrs Edna L. Drake

to

The Public

STATE OF MONTANA,  
COUNTY OF CHOUTEAU,

Filed September 5 1963

at 4:00 o'clock P.M.

George W. Hansen  
County Clerk

by James M. Hansen Deputy,

2.00 Paid

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

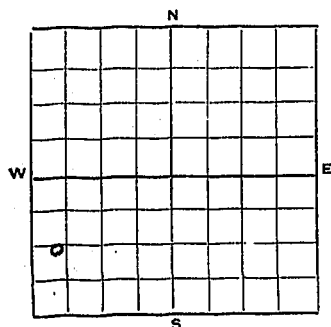
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

T. 29 N R 13 E  
County Chouteau

RECEIVED  
SEP 6 1962

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

Mrs. Edward D. Drake of Big Sandy  
(Name of Appropriator) (Address) (Town)  
County of Chouteau State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec 22 T29 N R13 E

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 Waters and Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been November 2, 1955 - 12 mo. use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 400 MINER'S INCHES CONTINUOUS FLOW
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 160 ACRES - SW 1/4 - Sec 22, T29 N, R13 E
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well - NW 1/4 Sec 22 - Sec 22; 1 1/2" submersible pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commencement of well - Completion of well - November 2, 1955
8. The depth of water table 202 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 Depth - 202'; Size - 6" casing Type - Drilled
10. The estimated amount of groundwater withdrawn each year 400 MINER'S INCHES CONTINUOUS FLOW
11. The log of formations encountered in the drilling of each well if available NOT AVAILABLE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. NONE

Signature of Owner

Mrs. Edward D. Drake

Date Sept 5 - 1962

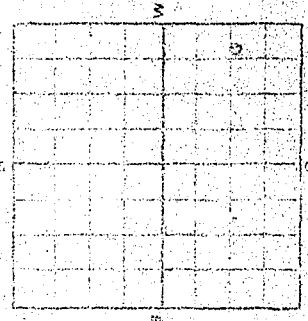
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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

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

estate interests 10 states  
place of use if possible. If not and if  
judicial point of subdivision and

WATER RIGHTS SEC. 13 & 14 R.S.



here substituted description according to the provisions here in and before the Court of the State of Montana.

County of Chouteau

State of Montana

(Court)

DECLARATION OF WATER RIGHTS  
Mrs. Edna L. Drake  
 to  
The Public

OFFICE OF STATE  
 MINISTERS OF GRASS  
 STATE OF MONTANA  
 COUNTY OF CHOUTEAU  
 Filed September 10, 1902  
 at 4:00 o'clock P.M.  
George W. H. H. H. County Clerk  
 By James M. H. H. Deputy

STATE OF MONTANA  
 COUNTY OF CHOUTEAU  
 Filed September 10, 1902  
 at 4:00 o'clock P.M.  
George W. H. H. H. County Clerk  
 By James M. H. H. Deputy

1. The purpose of this act is to provide for the location of water rights in the State of Montana.

2. It shall be the duty of the State Engineer to locate water rights in the State of Montana.

3. The location of water rights shall be made in accordance with the provisions of this act.

4. The location of water rights shall be made in accordance with the provisions of this act.

5. The location of water rights shall be made in accordance with the provisions of this act.

6. The location of water rights shall be made in accordance with the provisions of this act.

7. The location of water rights shall be made in accordance with the provisions of this act.

8. The location of water rights shall be made in accordance with the provisions of this act.

9. The location of water rights shall be made in accordance with the provisions of this act.

10. The location of water rights shall be made in accordance with the provisions of this act.

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

DUPLICATE

T. 29 N. R. 13 E.

County. Chouteau

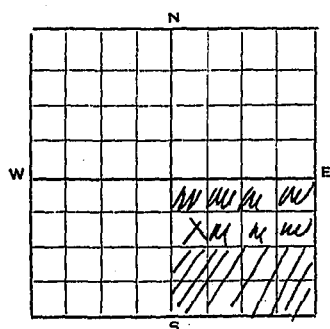
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. COWAN & Son, William Cowan, of Box E Ida  
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec. 22, T29N R13E

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 April 1954  
6 months per year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 450 gals per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 160 Acres SE 1/4 R 13 E T29 N. S22

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilling began Oct. 20, 1953 well finished June 20, 1954

8. The depth of water table 114 ft. from surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well 10" diameter 204' deep well equipped with 12.6" E. W. L. metal Johnson well screen 8" in diameter 90 gauge

10. The estimated amount of groundwater withdrawn each year 11,200,000 gal

11. The log of formations encountered in the drilling of each well if available Quick sand gravel, grey clay, fat clay, water in 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 William Cowan

Date June 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 School of Mines and Quadruplicate for the Appropriator.



square reference 10 inches  
by 10 inches, each with  
printed both of abbreviations and

See N.Y. 1234 B.C.

those of each well on other means of identifying

of the means of identification such as the following:

to apply when the well is not identified by the means of the above specified

1. The date of construction and completion of the construction of the well, well or other well.

2. The date of water supply.

3. The date of water supply.

4. The date of water supply.

5. The date of water supply.

STATE OF MONTANA  
COUNTY OF CHOUTEAU

Filed JUN 4 2 1963

at 8:00 o'clock A.M.

George W. Harven  
County Clerk

By James M. Harven Deputy

2.00 Paid

File No. ....

T. 29 R. 13

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County Chouteau

JAN 7 1964

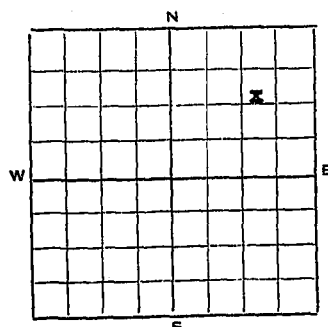
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth W. Hagan of Big Sandy  
(Name of Appropriator) (Address) (Town)

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



NE 1/4 34 Sec. 28 T. 29 R. 13

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 9, 1961

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 1953 started and completed May 9, 1961

8. The depth of water table 17 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 and cased to a depth of 130 ft. with 6" O. D. Well casing. Later cleaned out and because 6" casing could not be driven a 4 1/2" casing was put inside the 6" casing and drilled to a depth of 17 1/2 ft. Static water level is approx. 25 ft. from the top of the ground.

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

11. The log of formations encountered in the drilling of each well if available Log of 1st hole not available unless driller filed with the State Board of Health. Second hole from a depth of 130 ft. as follows: fine sand-some pebbles, coarse sand, gravelly clay, gravel, sand, water, and gravel and 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 None

Signature of Owner Kenneth W. Hagan

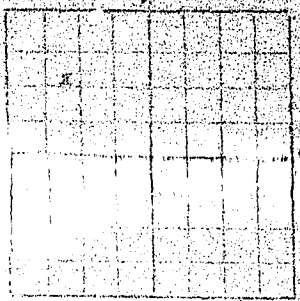
Date 12-29-63

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 School of Mines and Quadruplicate for the Appropriator.

26388



Indicate point of appropriation and place of use, if possible, each well admits payments 10 acres.

County of \_\_\_\_\_  
have appropriated groundwater according to the Montana law in effect prior to January 1, 1907.  
2. The beneficial use on which the claim is based  
3. Date of appropriation date of earliest beneficial use and how long  
4. The amount of groundwater claimed (in acres) and of water  
5. If need 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  
7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater  
8. The depth of water table  
9. So far as it may be available the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
10. The extent of land to be irrigated by water to be withdrawn  
11. The log of the well or other work in the drilling or construction thereof  
12. Such other information as a water user may deem necessary to carry out the policy of this act intended

STATE OF MONTANA  
COUNTY OF CHOUTEAU

Filed DEC 31 1933 at 4:30 o'clock

By [Signature] County Clerk

By [Signature] Deputy  
Now 240 Paid

File No. ....

DUPLICATE

T. 29 R. 13

County Chouteau

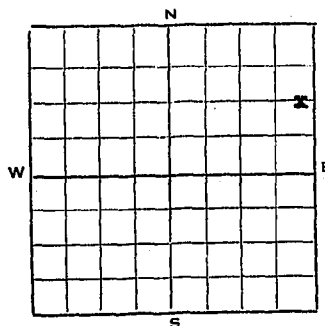
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 7 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth W. Hagan, of Big Sandy, (Name of Appropriator) (Address) (Town)

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



NE 1/4 21 Sec. 29 T. 13 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

Stock water, irrigation and domestic use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 5, 1949. Steady.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) At 10 gal. per minute the draw down was 1 ft. in approximately 100 ft. of water.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 1, 1949 started and completed September 5, 1949.

8. The depth of water table 131 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 and cased with 5 1/2" O. D. Steel Casing to a depth of 131 ft.

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

11. The log of formations encountered in the drilling of each well if available Top Soil, Gravel, Sandy Yellow Clay, Silty Yellow Clay, Blue Clay, Silty Sandy, Sandy and Water Clean Quick sand, Gray Clay, and 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. None.

Signature of Owner. Kenneth W. Hagan

Date. 12-29-63

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 School of Mines and Quadruplicate for the Appropriator.

26389



1. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

2. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

3. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

4. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

5. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

6. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

7. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

8. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

9. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

10. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

11. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

12. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

13. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

14. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

15. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

16. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

17. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

18. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

19. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

20. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

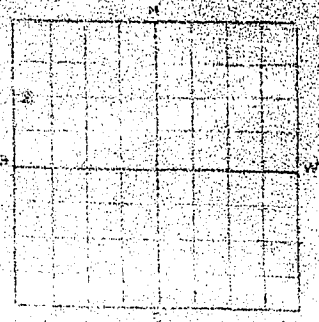


Fig. 1. A 10x10 grid showing the estimated amount of groundwater withdrawn from the well. Each square represents 10 acres.

1. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

2. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

3. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

4. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

5. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

6. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

7. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

8. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

9. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

10. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

11. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

12. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

13. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

14. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

15. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

16. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

17. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

18. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

19. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

20. The estimated amount of groundwater withdrawn from the well is \_\_\_\_\_.

STATE OF MONTANA, T  
COUNTY OF CHOUTEAU, T  
DEC 31 1968  
Filed at 4:30 o'clock  
by George W. Henry Deputy  
Court Clerk  
Paid

GW 3

File No. 371307

T. 29 R. 13

ORIGINAL 1973

County Chouteau

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL**

(Under Chapter 237 Montana Session Laws, 1961)

371307  
6-29-73  
9004 m

Date of Appropriation of Groundwater .....1942.....

Owner.....Courtnage & Sons, Inc.....

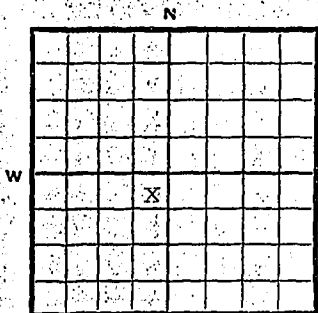
Address.....Big Sandy, Montana 59520.....

Contractor (if any) .....none.....

Address of Contractor .....none.....

Date Started.....1942..... Date Completed.....1942.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. dug out developed spring w/pipe and tank - gravity



NE 1/4 SW 1/4 Sec. 31 T. 29 R. 13

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

used year around - stock water 5 gals

per minute

ATTEST

*Helen F. Courtnage*  
Secretary

(CORPORATE SEAL)

Courtnage & Sons, Inc.  
Signature of Owner *Dorrell Courtnage*

President

Date June 26, 1973

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 School of Mines, and Quadruplicate for the Appropriator.

56337

# 371 307

STATE OF MONTANA }  
COUNTY OF CHOUTEAU }

Filed JUN 29 1973 19

at 9:00 a.m. C. M.

*George W. Haring*  
County Clerk

By Deputy

Per S. 20

GW2

File No. 341617

DUPLICATE

T 29 N R 13 E

County ChoteauSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JUL 22 1962  
STATE ENGINEER*location?  
county filing record  
is not complete.*

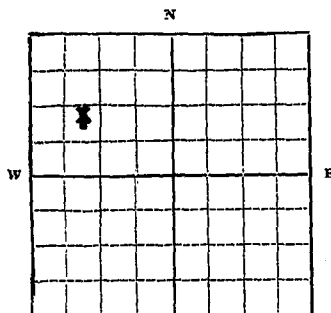
Top of Ground  
(Elev. above sea level 2670)

0 top soil  
1 yellow clay  
12 yellow clay, sandy  
18 boulders, sandy clay  
36 quick sand  
40 sand and gravel  
44 gravel  
46 gravel, well completed

Owner John H. Balazic Address Big Sandy, MontanaDriller Lloyd G. Hanberg Address Box Elder, MontanaDate of Notice of Appropriation of Groundwater July 16, 1962Date well started July 16, 1962 Date Completed July 17, 1962Type of well drilled Equipment Used spudger  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) 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 3/4"	6" O.D. 10.50#	0	46	none	none	none



S 1/4 NW 1/4 Sec. 32 T29 N13

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 32 feet.  
or 14' from surfaceShut-in Pressure for Flowing Well nonePumping Water Level 32 feet at 20 gal. per minute.Discharge in gal. per min. of flowing well noneHow 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)

State License #6

Driller's License Number

Lloyd G. Hanberg  
Driller's Signature

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

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

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

1998

File No. ....

T. 29 R. 13

DUPLICATE

371304  
62973  
900A.M.

County Chouteau

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

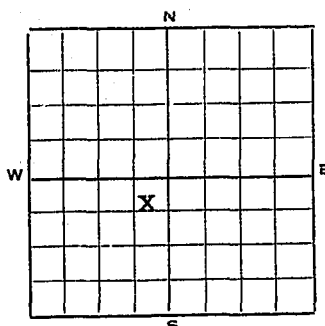
RECEIVED  
AUG 2 1973  
MONTANA DEPARTMENT OF LAND & WATER RESOURCES

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Courtmaga & Sons, Inc., of Big Sandy  
(Name of Appropriator) (Address) (Town)

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



NE 1/4 SW 1/4 Sec. 32 T. 29 R. 13

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

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

3. Date or approximate date of earliest beneficial use; and now continuous the use has been 1960

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

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

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

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

8. The depth of water table 40 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 w/pressure pump

10. The estimated amount of groundwater withdrawn each year

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

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

ATTEST

Signature of Secretary

(CORPORATE SEAL)

Signature of Owner Courtmaga & Sons, Inc.

President

Date June 26, 1973

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

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

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

56340

1. Name of owner (Print name and address) \_\_\_\_\_  
2. Name of operator (Print name and address) \_\_\_\_\_

3. The method used to locate the claim is based on \_\_\_\_\_  
\_\_\_\_\_ and \_\_\_\_\_

4. Date of approximate date of earliest beneficial use; and how continuous the use has been \_\_\_\_\_  
\_\_\_\_\_

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

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

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

8. The date of commencement and completion of the well, wells or other works for withdrawal of groundwater \_\_\_\_\_  
\_\_\_\_\_

9. The depth of water table \_\_\_\_\_  
\_\_\_\_\_

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

11. The log of formations encountered in the drilling of each well is available \_\_\_\_\_  
\_\_\_\_\_

12. Such other information of a similar nature as may be needed in connection with this act including \_\_\_\_\_  
\_\_\_\_\_

13. The fee for this record is \_\_\_\_\_  
\_\_\_\_\_

14. The fee for this record is \_\_\_\_\_  
\_\_\_\_\_

15. The fee for this record is \_\_\_\_\_  
\_\_\_\_\_

16. The fee for this record is \_\_\_\_\_  
\_\_\_\_\_

17. The fee for this record is \_\_\_\_\_  
\_\_\_\_\_

18. The fee for this record is \_\_\_\_\_  
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19. The fee for this record is \_\_\_\_\_  
\_\_\_\_\_

20. The fee for this record is \_\_\_\_\_  
\_\_\_\_\_

21. The fee for this record is \_\_\_\_\_  
\_\_\_\_\_

22. The fee for this record is \_\_\_\_\_  
\_\_\_\_\_

23. The fee for this record is \_\_\_\_\_  
\_\_\_\_\_

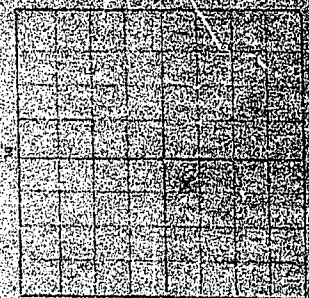
24. The fee for this record is \_\_\_\_\_  
\_\_\_\_\_

25. The fee for this record is \_\_\_\_\_  
\_\_\_\_\_

26. The fee for this record is \_\_\_\_\_  
\_\_\_\_\_

27. The fee for this record is \_\_\_\_\_  
\_\_\_\_\_

28. The fee for this record is \_\_\_\_\_  
\_\_\_\_\_



29. The fee for this record is \_\_\_\_\_  
\_\_\_\_\_

STATE OF MONTANA }  
COUNTY OF CHOUTEAU }

Filed \_\_\_\_\_ JUN 29 1973 \_\_\_\_\_

at \_\_\_\_\_ o'clock \_\_\_\_\_

By \_\_\_\_\_

Deputy \_\_\_\_\_

Fee \$ \_\_\_\_\_

File No. ....

DUPLICATE

T. 29 R. 13  
County Chouteau

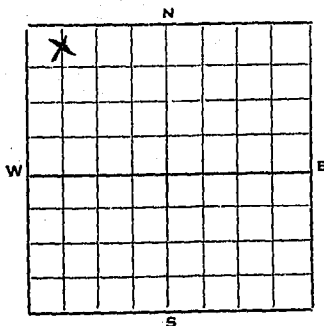
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 7 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

1. MAX H CLAWITER, of Big Sandy Mont  
(Name of Appropriator) (Address) (Town)

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



NW 1/4 NW Sec 34 T. 29 R. 13

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, garden, & grass also house  
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Nov 1946

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 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 NW 1/4 NW 1/4 Sec 34 - T. 29 R. 13 E

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started about Sept 10 completed in Nov 1946

8. The depth of water table 25 ft below surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well depth 237 ft size 6 in or less 4" on bottom

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

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

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

Signature of Owner M. H. Clawiter  
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.

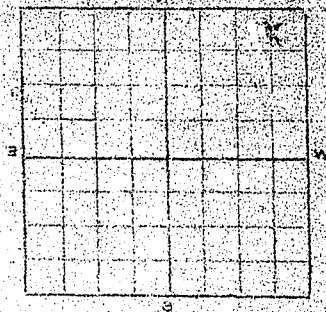
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

26323

County of Chouteau State of Montana  
 Name of Applicant W. H. T. & R. S.  
 Name of Owner W. H. T. & R. S.  
 Date of Application Dec 31 1933

1. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater, and the location of each well or other means of withdrawal.
2. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
3. 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. The amount of groundwater claimed (in inches, feet or gallons per minute).
5. Date or approximate date of earliest beneficial use, and how long it has been used.
6. The beneficial use on which the claim is based.
7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater, and the location of each well or other means of withdrawal.
8. The depth of water table.
9. So far as it may be available, the type size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
10. The estimated amount of groundwater withdrawn each 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.



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

Signature of Applicant W. H. T. & R. S.  
 Date Dec 31 1933  
 at 1:00 o'clock P  
 By W. H. T. & R. S.  
 County Clerk W. H. T. & R. S.  
 Fee 2.00 Paid

# 347072  
 STATE OF MONTANA  
 COUNTY OF CHOUTEAU  
 Filed DEC 31 1933  
 at 1:00 o'clock P  
 By W. H. T. & R. S.  
 County Clerk W. H. T. & R. S.  
 Fee 2.00 Paid



GW3

File No. ....

DUPLICATE

R

T. 29 R. 13

35

County Chouteau

RECEIVED  
JAN 7 1964

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 30, 1963

Owner Edward C Ray Address Big Sandy Mont

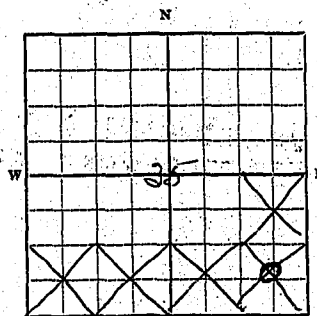
Contractor (if any) .....

Address of Contractor .....

Date Started Sept Date Completed Dec

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. one spring dug out with backhoe and piped to tank

seven feet deep



SE 1/4 Sec. 35 T. 29 R. 13

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

no spring until developed now flows 5 gallons per minute timed by 5 gallon bucket

Signature of Owner Edward C Ray

Date Dec 30, 1963

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

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

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

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

2634

# 347023  
STATE OF MONTANA  
COUNTY OF CHOUTEAU  
Filed DEC 31 1963 TV  
at 1:00 o'clock P  
George W. Harvey  
County Clerk  
by 200 Depute  
Paid

JW 3

## STATE WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—42262

FEB 8 1967

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

DUPLICATE

Bike \_\_\_\_\_

McDermott \_\_\_\_\_

Butterlin \_\_\_\_\_

McNulty \_\_\_\_\_

Coyle \_\_\_\_\_

Morton \_\_\_\_\_

Darlington \_\_\_\_\_

Sullivan \_\_\_\_\_

Dick \_\_\_\_\_

\_\_\_\_\_

T. 29 R. 13

County Phillips

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Notice of Completion of Groundwater Appropriation Without Well

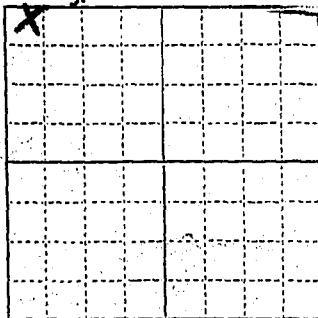
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Aug 1964Owner Wm L. Arnold, M. Evans Address Box E 144Contractor (if any) Self

Address of Contractor \_\_\_\_\_

Date Started Aug 1963 Date Completed January 1964

Describe method of obtaining groundwater well by sub-irrigation and other natural process to water when applicable Spring development underground storage of water capacity of aquifer beds from this 500 ft to or value and future



NW 1/4 Sec 36 T. 29 R. 13

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

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

estimate approximate lengths of periods of use the Spring

flows from a pipe 59 ft. per min. measured

the flow into a container. Stock use this water

Approximately 6 months each year.Signature of Owner William Evans Jr.Date JAN. 23, 1967

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.

41697

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# 354604

STATE OF MONTANA, T.  
COUNTY OF CHOUTEAU, T.  
Feb 2 1967  
at 2:15 o'clock  
George W. Harvey  
County Clerk  
by U. M. Jewell  
Deputy  
2 22 Paid

GROUNDWATER INDEX

Page 1 of 1

County Chouteau

Twp. 29 N

Rge. 14 E

[illegible]

File No.

DUPLICATE

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

T. 27 N. R. 14 E.

County Chouteau

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
FEB 4 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Jan 22 1963

Owner Chilton Butler Address Box Elder Montana

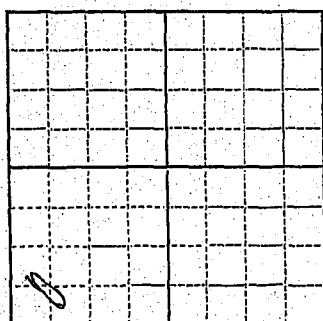
Contractor (if any) Charles Pullen

Address of Contractor Great Falls Montana

Date Started 12-1-62 Date Completed 12-1-62

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

constructing earth fill across deep  
coulee to collect run off water



SW 1/4 S. 1 N. Sec. 8, T. 27 N. R. 14 E.

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.

quantity equals approximately  
11 acre feet used all season  
stock water

Signature of Owner Chilton Butler

Date Jan 22 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.



343775

STATE OF MONTANA, T.  
COUNTY OF CHouteau, ss.

Filed FEB 1 - 1963 12

at 11:45 o'clock A. M.

George W. Harvey  
County Clerk

By Irma M. Harris Deputy

Fee 2.00 Paid

W.3

Approved ~~State~~ Form—State

ing Co., Helena, Montana—39089

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

T. 29 N. R. 11 E

DUPLICATE

County Chouteau

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
FEB 4 1963

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Jan 22, 1963Owner Clinton Butler Address Box 100 MontContractor (if any) work by ownerAddress of Contractor sameDate Started Sept 1960 Date Completed 3-27-61Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable as by diversion from

intermittent stream to collect surface  
run off raised original flood dyke  
used to flood 2 acres of hay land  
since early 1920

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 spring and summer

quantity equal to amount of water  
to flood irrigate 4000' of hay land  
original project 2 acres of land  
used for Kootenai

Signature of Owner Clinton ButlerDate Jan 22, 1963

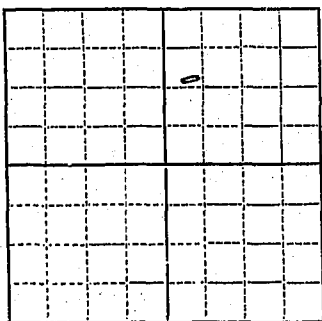
This form to be prepared by contractor (if any), otherwise by the owner.

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.

Data from S.C.S. Office Big Sandy Montana



N.W. 1/4 NE Sec. 17 T. 29 N. R. 11 E

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



343779

STATE OF MONTANA, 7  
COUNTY OF CHOUTEAU, 1<sup>st</sup>

Filed FEB 1 - 1963 19

at 11:45 o'clock A. M

George W. Harvey County Clerk

By Irma M. Harris Deputy

Fee \$            Paid

G. 4  
File No. ....

DUPLICATE

T. 29N R. 14E

County Chouteau

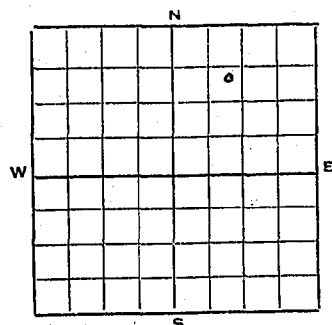
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
FEB 4 1963  
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

1. Clinton Butler, of Box 132 Box Elder  
(Name of Appropriator) (Address) (Town)

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



NW 1/4 Sec. 17 T. 29N R. 14E

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 and domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been approx. 1916

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

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

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 1916

8. The depth of water table 22 ft. from surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 30" diameter, 26 ft. depth, dug

10. The estimated amount of groundwater withdrawn each year 2,534,400

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

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

Signature of Owner Clinton Butler

Date Jan 22 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 School of Mines and Quadruplicate for the Appropriator.

3501

and Chouteau County for the following:

Original to the County Clerk and the County Clerk for the following:  
List of names of the following: If not applicable to state, reference to the following:  
List of names of the following: If not applicable to state, reference to the following:

These copies to be filed in the County Clerk's office and the County Clerk for the following:

343778

STATE OF MONTANA,  
COUNTY OF CHOUTEAU,  
FILED FEB 1 1963  
at 11:45  
George W. Harvey  
County Clerk  
Irma M. Harris  
Deputy  
2.00 Paid

13. The date of the following:

14. The date of the following:

15. The date of the following:

16. The date of the following:

17. The date of the following:

18. The date of the following:

19. The date of the following:

20. The date of the following:

21. The date of the following:

22. The date of the following:

23. The date of the following:

24. The date of the following:

25. The date of the following:

26. The date of the following:

27. The date of the following:

28. The date of the following:

29. The date of the following:

30. The date of the following:



G. 4

File No. ....

DUPLICATE

29N 14E  
T. R.  
County Chouteau  
Box 132  
Box Rider, Montana

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
FEB 1 1963

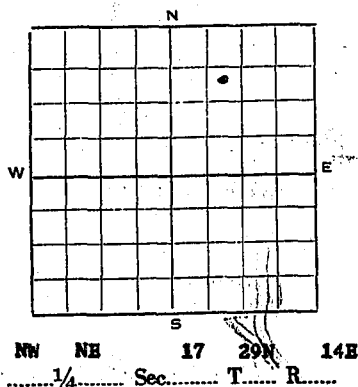
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Clinton Butler, of Box 132, Box Rider, Montana  
(Name of Appropriator) (Address) (Town)

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



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

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

domestic and stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 1948

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

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

none

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

electric pump jack

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

8. The depth of water table 30 ft. from surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6", 100 ft. depth, drilled

10. The estimated amount of groundwater withdrawn each year 2,534,400 gals.

11. The log of formations encountered in the drilling of each well if available sand, blue clay, some gravel

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

Signature of Owner Clinton Butler

Date Jan 12 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 School of Mines and Quadruplicate for the Appropriator.

3513.

5  
 (b) (1) The term "child" shall mean a child who is under the age of 18 years and who is a dependent of the child's parent or guardian.

NA  
EA

343777

[illegible]

STATE OF MONTANA,  
COUNTY OF CHOUTEAU. } ss

Filed FEB 1 1963 19  
at 11:45 o'clock A.

George W. Harvey  
County Clerk  
By Irma M. Harris  
Danu

By Irma M. Harris Date           
 Rec'd 2.00 Paid         

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10. The estimated amount of nonmanufactured materials used in the production of each test specimen is listed in Table 3. The estimated amount of nonmanufactured materials used in the production of each test specimen is listed in Table 3.

Notes for the management of Roundworms ..... 22

8. The quality of water supply ..... 30

2001-2002, 2003-2004, 2005-2006, 2007-2008, 2009-2010, 2011-2012, 2013-2014, 2015-2016, 2017-2018, 2019-2020, 2021-2022, 2023-2024, 2025-2026, 2027-2028, 2029-2030, 2031-2032, 2033-2034, 2035-2036, 2037-2038, 2039-2040, 2041-2042, 2043-2044, 2045-2046, 2047-2048, 2049-2050, 2051-2052, 2053-2054, 2055-2056, 2057-2058, 2059-2060, 2061-2062, 2063-2064, 2065-2066, 2067-2068, 2069-2070, 2071-2072, 2073-2074, 2075-2076, 2077-2078, 2079-2080, 2081-2082, 2083-2084, 2085-2086, 2087-2088, 2089-2090, 2091-2092, 2093-2094, 2095-2096, 2097-2098, 2099-2100, 2101-2102, 2103-2104, 2105-2106, 2107-2108, 2109-2110, 2111-2112, 2113-2114, 2115-2116, 2117-2118, 2119-2120, 2121-2122, 2123-2124, 2125-2126, 2127-2128, 2129-2130, 2131-2132, 2133-2134, 2135-2136, 2137-2138, 2139-2140, 2141-2142, 2143-2144, 2145-2146, 2147-2148, 2149-2150, 2151-2152, 2153-2154, 2155-2156, 2157-2158, 2159-2160, 2161-2162, 2163-2164, 2165-2166, 2167-2168, 2169-2170, 2171-2172, 2173-2174, 2175-2176, 2177-2178, 2179-2180, 2181-2182, 2183-2184, 2185-2186, 2187-2188, 2189-2190, 2191-2192, 2193-2194, 2195-2196, 2197-2198, 2199-2200, 2201-2202, 2203-2204, 2205-2206, 2207-2208, 2209-2210, 2211-2212, 2213-2214, 2215-2216, 2217-2218, 2219-2220, 2221-2222, 2223-2224, 2225-2226, 2227-2228, 2229-2230, 2231-2232, 2233-2234, 2235-2236, 2237-2238, 2239-2240, 2241-2242, 2243-2244, 2245-2246, 2247-2248, 2249-2250, 2251-2252, 2253-2254, 2255-2256, 2257-2258, 2259-2260, 2261-2262, 2263-2264, 2265-2266, 2267-2268, 2269-2270, 2271-2272, 2273-2274, 2275-2276, 2277-2278, 2279-2280, 2281-2282, 2283-2284, 2285-2286, 2287-2288, 2289-2290, 2291-2292, 2293-2294, 2295-2296, 2297-2298, 2299-2300, 2301-2302, 2303-2304, 2305-2306, 2307-2308, 2309-2310, 2311-2312, 2313-2314, 2315-2316, 2317-2318, 2319-2320, 2321-2322, 2323-2324, 2325-2326, 2327-2328, 2329-2330, 2331-2332, 2333-2334, 2335-2336, 2337-2338, 2339-2340, 2341-2342, 2343-2344, 2345-2346, 2347-2348, 2349-2350, 2351-2352, 2353-2354, 2355-2356, 2357-2358, 2359-2360, 2361-2362, 2363-2364, 2365-2366, 2367-2368, 2369-2370, 2371-2372, 2373-2374, 2375-2376, 2377-2378, 2379-2380, 2381-2382, 2383-2384, 2385-2386, 2387-2388, 2389-2390, 2391-2392, 2393-2394, 2395-2396, 2397-2398, 2399-2400, 2401-2402, 2403-2404, 2405-2406, 2407-2408, 2409-2410, 2411-2412, 2413-2414, 2415-2416, 2417-2418, 2419-2420, 2421-2422, 2423-2424, 2425-2426, 2427-2428, 2429-2430, 2431-2432, 2433-2434, 2435-2436, 2437-2438, 2439-2440, 2441-2442, 2443-2444, 2445-2446, 2447-2448, 2449-2450, 2451-2452, 2453-2454, 2455-2456, 2457-2458, 2459-2460, 2461-2462, 2463-2464, 2465-2466, 2467-2468, 2469-2470, 2471-2472, 2473-2474, 2475-2476, 2477-2478, 2479-2480, 2481-2482, 2483-2484, 2485-2486, 2487-2488, 2489-2490, 2491-2492, 2493-2494, 2495-2496, 2497-2498, 2499-2500, 2501-2502, 2503-2504, 2505-2506, 2507-2508, 2509-2510, 2511-2512, 2513-2514, 2515-2516, 2517-2518, 2519-2520, 2521-2522, 2523-2524, 2525-2526, 2527-2528, 2529-2530, 2531-2532, 2533-2534, 2535-2536, 2537-2538, 2539-2540, 2541-2542, 2543-2544, 2545-2546, 2547-2548, 2549-2550, 2551-2552, 2553-2554, 2555-2556, 2557-2558, 2559-2560, 2561-2562, 2563-2564, 2565-2566, 2567-2568, 2569-2570, 2571-2572, 2573-2574, 2575-2576, 2577-2578, 2579-2580, 2581-2582, 2583-2584, 2585-2586, 2587-2588, 2589-2590, 2591-2592, 2593-2594, 2595-2596, 2597-2598, 2599-2600, 2601-2602, 2603-2604, 2605-2606, 2607-2608, 2609-2610, 2611-2612, 2613-2614, 2615-2616, 2617-2618, 2619-2620, 2621-2622, 2623-2624, 2625-2626, 2627-2628, 2629-2630, 2631-2632, 2633-2634, 2635-2636, 2637-2638, 2639-2640, 2641-2642, 2643-2644, 2645-2646, 2647-2648, 2649-2650, 2651-2652, 2653-2654, 2655-2656, 2657-2658, 2659-2660, 2661-2662, 2663-2664, 2665-2666, 2667-2668, 2669-2670, 2671-2672, 2673-2674, 2675-2676, 2677-2678, 2679-2680, 2681-2682, 2683-2684, 2685-2686, 2687-2688, 2689-2690, 2691-2692, 2693-2694, 2695-2696, 2697-2698, 2699-2700, 2701-2702, 2703-2704, 2705-2706, 2707-2708, 2709-2710, 2711-2712, 2713-2714, 2715-2716, 2717-2718, 2719-2720, 2721-2722, 2723-2724, 2725-2726, 2727-2728, 2729-2730, 2731-2732, 2733-2734, 2735-2736, 2737-2738, 2739-2740, 2741-2742, 2743-2744, 27

3. The goals of commencement and completion of the construction of the road, as other works for a given

edwards lebrecht jr. 1904

piece of me, if possible. For example, I indicate how or abhorrentation and

7/20 L N  
11 SEP 1952

..... (overlaid to column ratio to how long to not  
..... ~~overlaid to column ratio to how long to not~~

—and I have been very soft about it, but I have no objection to your going off to

2. If used for irrigation, give the source and description of the lands to which water has been applied and nature of the owner thereof. ....

per minute) ..... 2.000

File No. ....

T. 29N R. 14E

DUPLICATE

County Chouteau

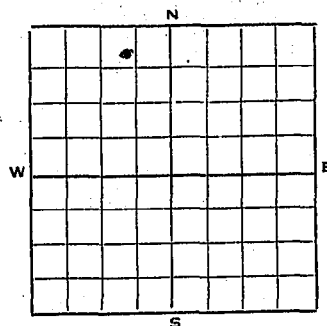
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
FEB 4 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS ENGINEER  
(Under Chapter 237, Montana Session Laws, 1961)

1. Clinton Butler, of Box Elder  
(Name of Appropriator) (Address) (Town)

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



NE 1/4 NW 20 29N 14E  
Sec. T. R.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug. 1940

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

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

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

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

8. The depth of water table 30 ft. from surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" width, 104 ft. depth, drilled

10. The estimated amount of groundwater withdrawn each year 2,534,400

11. The log of formations encountered in the drilling of each well if available clay, gravel, coal, water found in sandrock

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

Signature of Owner Clinton Butler

Date Jan 22 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 School of Mines and Quadruplicate for the Appropriator.

3512

per minute) . . . . . 2.00

GW 3

File No. ....

DUPLICATE

T. 29 R. 14  
County Chouteau

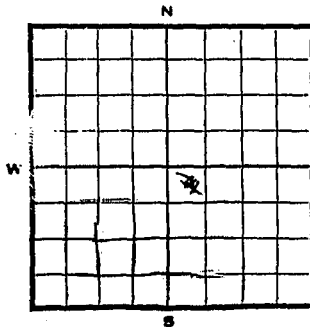
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 7 1964

STATE ENGINEER  
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater .....  
Owner MAX H CLAWITER  
Address Big Sandy Montana  
Contractor (if any) Robert Druce  
Address of Contractor Big Sandy  
Date Started Sept 20 - 1963 Date Completed Sept 20 - 1963



NW 1/4 SW Sec. 26 T. 29 R. 14

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. spring dug out and piped to tank for stock water depth 3 ft

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

3000 gals per day developed  
used about 8 months of year  
for one spring; 1000 gals for  
second spring

Signature of Owner M H Clawiter  
Date Dec 30 - 1963

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

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

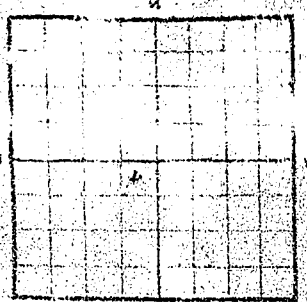
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

26322



Form of Application of Groundwater  
Name W. A. H. X. A. R.  
Address ...  
Connector (if any) ...  
Address of Connector ...  
Date started ...  
Description of work ...  
Quantity of water developed and used with explanation of use  
on need to measure or estimate such amount. If use is intermittent  
state approximate number of periods of use  
Signature ...



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

This form to be prepared by connector (if any) and forwarded to the  
County Clerk of the county in which the works are located.

It is the duty of the applicant to state whether or not the water is used for  
agricultural purposes, and if so, for what purpose.

STATE OF MONTANA  
COUNTY OF CHouteau  
Filed DEC 31  
at 1:00 o'clock P  
By George W. Hester  
County Clerk  
By ... Deputy  
Fee 2.00 Paid

GW 3

File No. ....

DUPLICATE

T. 29 R. 14 E

County Chouteau

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 23 1963  
STATE ENGINEER

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 11/27/28

Owner Walter W. Hattrick

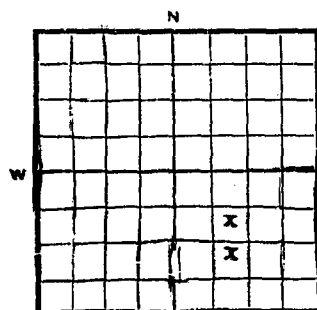
Address Big Sandy, Montana

Contractor (if any) none work done by self

Address of Contractor

Date Started Sept. 10/61 Date Completed Sept. 14/61

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 3ft colvert 16ft with 10ft water. pumped at 7 gal. per min.



SE 1/4, SE Sec 29 T. 29 R. 14

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 Sept. 14/61 till the present time.

Signature of Owner Walter W. Hattrick

Date 12/17/63

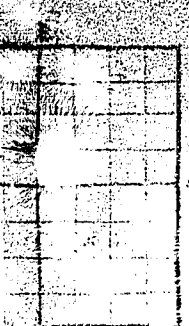
This form to be prepared by contractor (if any), otherwise by the owner.

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 School of Mines and Quadruplicate for the Appropriator.

11197



and place of land in township  
physical map of section

and place of land in township  
physical map of section

and place of land in township  
physical map of section

and place of land in township  
physical map of section

and place of land in township  
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and place of land in township  
physical map of section

and place of land in township  
physical map of section

346493

STATE OF MONTANA.  
 COUNTY OF CHOUTEAU.  
 Filed 12:30 o'clock P.  
George W. Harris  
 County Clerk  
Dana M. Harris Deputy  
2:00 Paid

GW:3

File No. ....

DUPLICATE

T 29 R 14 E

County Chouteau

RECEIVED  
DEC 23 1963STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

STATE ENGINEER

## NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 11/27/28

Owner Walter W. Hettrick

Address Big Handy, Montana

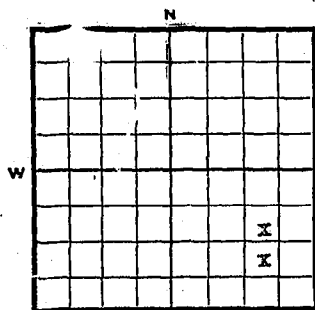
Contractor (if any) none work done by self.

Address of Contractor

Date Started June 2/29 Date Completed June 5/29

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 3 ft tile 12 ft. deep

flows and pumped at 7 gal. per min.



SE 1/4 SE Sec. 29 T. 29 R. 14

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 June 5/29

till present time.

Signature of Owner Walter W. Hettrick

Date 12/17/63

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 School of Mines and Quadruplicate for the Appropriator.

1196