

File No. ....

T 7 R 60E

DUPLICATE

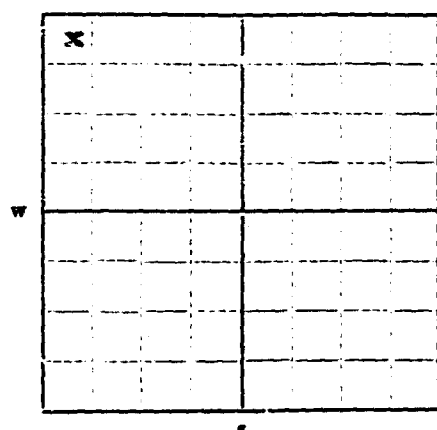
County Fallon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alfred M. Braun of Box 285 Baker  
(Name of Appropriator) (Address) (Town)  
County of Fallon State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 14 Sec 14 T 7 R 60 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.....  
Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been..... 1910 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 6 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.....  
not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
Windmill & pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... 1910
8. The depth of water table..... 30'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....  
5' diameter, hand dug to 50' depth
10. The estimated amount of groundwater withdrawn each year..... 100,000 gals.
11. The log of formations encountered in the drilling of each well if available.....  
surface of 5' top soil  
45' Fox Hill sand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner

Date Dec. 26, 1963

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

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

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

22232

139418

FILED
at 1:32 O'clock P. M.
DEC 30 1963
<i>R. H. Stearns</i>
County Clerk & Recorder
Deputy

File No. ....

T. 7N R. 60E

DUPLICATE

County Fallen

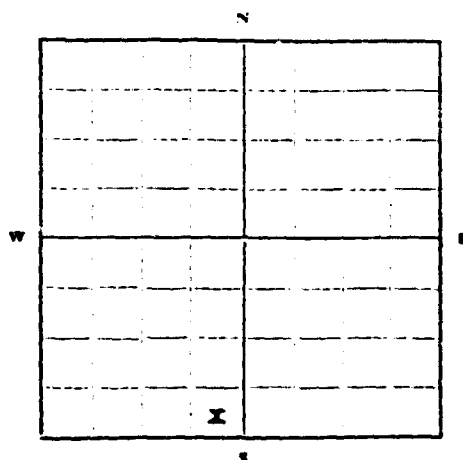
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Alvin P. Hasty of Baker  
(Name of Appropriator) (Address)  
County of Fallen State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4, Sec. 14, T. 7N, R. 60E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 16  
acres.

2. The beneficial use on which the claim is based... stock watering, machine water, crop spraying and household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1947 when well was drilled and use has been constantly continuous since to this date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 5 gallons per hour
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
Withdrawn by pump with pump jack and elec. motor  
Well located 250 feet from East line and 636 feet from So line of SE 1/4 of Sec 14, Twp 7N, Rgn 60E
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Original well at this location was hand dug in 1909. It caved in and a well was drilled at this location in 1947, began and completed in one day and casing set the next day in fall of 1947.
8. The depth of water table... 18 to 22 feet/
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... Drilled well, six inch dia. water inside casing, to a depth of 60 feet. The well was dug to a depth of 170 feet but cased only to a depth of 60 feet below ground level, set with a pump operated by pump Jack powered with an electric motor.
10. The estimated amount of groundwater withdrawn each year... 20,000 gallons per year
11. The log of formations encountered in the drilling of each well if available... none available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date April 26, 1963

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

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

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

137238

<b>FILED</b>	
at 4:45	O'clock P.M.
APR 26 1963	
<i>[Signature]</i>	
County Clerk & Recorder	
Deputy	

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

T. 7 North 60 West

DUPLICATE

County Fallon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

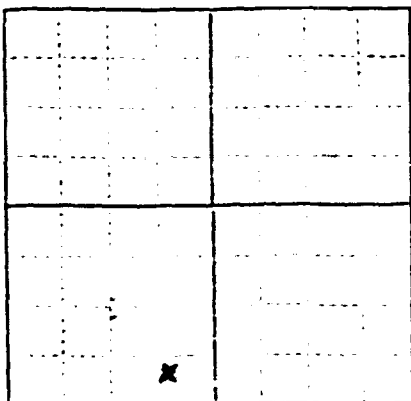
Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Alvin Easty Address Baker, MontanaDriller Herb O'Donnell Address Baker, MontanaDate of Notice of Appropriation of Groundwater Oct 29, 1963Date well started October 17 Date Completed October 29, 1963Type of well bored Equipment Used \_\_\_\_\_  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	21" 16 gauge	6'	50'	"	16'	50'



Section 14 T. 7 R. 60  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

50 feet bottomStatic Water Level for non-flowing Well 16 feet.Shut-in Pressure for Flowing Well no flowPumping Water Level 42 feet at 5 gal. per minute.Discharge in gal. per min. of flowing well no flowHow Tested no flow Length of Test no flow

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) no for

irrigation

Number 50  
Driller's License Number:

C. L. Arkin by  
Driller's Signature Herb O'Donnell

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.

22304

139492

FILED	
at 9:40 O'clock	A M.
DEC 31 1963	
<i>R. L. Starnes</i>	
County Clerk & Recorder	
Deputy	

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

T. 7 R. 60 E.

DUPLICATE

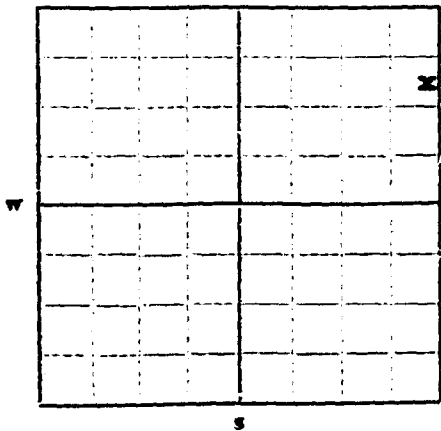
County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Theodore J. Braun of 809 Yellowstone Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 14 Sec. 22 T. 7 R. 60

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.  
Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1940
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.  
not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1940
8. The depth of water table. 30 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 6" casing 30' deep
10. The estimated amount of groundwater withdrawn each year. 50,000 gallons
11. The log of formations encountered in the drilling of each well if available.  
not available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.  
not available.

Signature of Owner Theodore J. BraunDate Dec. 26, 1963

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

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

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

22 231

139415

FILED
at 1:30 O'clock P.M.
DEC 30 1963
<i>[Signature]</i>
County Clerk & Recorder
Deputy



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

T. 7 R. 60E

DUPLICATE

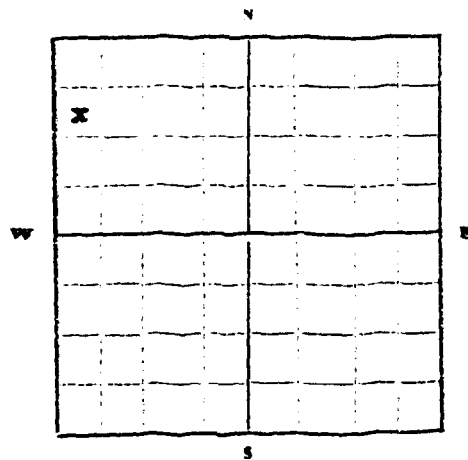
County Golden Fallon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Theodore J. Braun of 809 Yellowstone Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NW 14 Sec 23 T 7 R 60

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 livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1908 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 gallons
5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump jack
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1908
8. The depth of water table 20 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 35 foot deep  
3 feet, in diameter
10. The estimated amount of groundwater withdrawn each year 100,000
11. The log of formations encountered in the drilling of each well if available not known
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available.

Signature of Owner Theodore J. BraunDate Dec. 26, 1963

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

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

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

22232

139417

FILED	
at 1:30	clock P.M.
DEC 30 1963	
<i>[Signature]</i>	
County Clerk & Recorder	
Deputy	

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

T. 7N R. 60E

DUPLICATE

County Fallon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

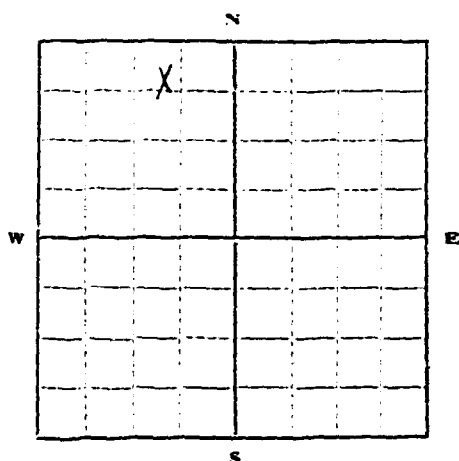
**RECEIVED**  
DEC 28 1963

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Norman Lang of Baker  
(Name of Appropriator) (Address) (Town)  
County of Fallon State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec 25 T. 7. R. 60.

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1943, continuous to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 1/2 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal windmill and electric pump with pump jack at well site
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well drilled about 1943
8. The depth of water table 30' 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 well 180' deep, 4" iron casing, cemented about 6' down, windmill 8' head, electric 1/2 horse motor on pump
10. The estimated amount of groundwater withdrawn each year 144,000 gallons
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record hard water

Signature of Owner Norman Lang

Date December 18, 1963

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

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

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

11304

139114

FILED	
at 8:15	O'clock A.M.
DEC 20 1963	
<i>R. A. Stevens</i>	
County Clerk of the County	

File No. ....

T. 7N R. 60E

DUPLICATE

County Fallon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

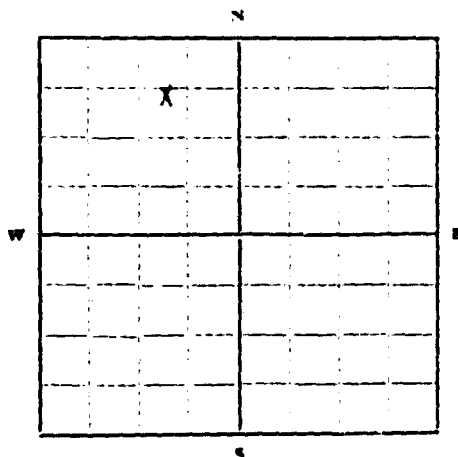
**RECEIVED**  
DEC 23 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Norman Lang, of Baker,  
(Name of Appropriator) (Address) (Town)  
County of Fallon State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NW 1/4 Sec. 25 T. 7 R. 60

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, stockwater, irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been prior to 1929; continuous to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4/10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof about 1/4 acre of land about 200' from well; land owned by appropriator
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump about 200' from well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well drilled prior to 1929
8. The depth of water table about 18' 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 well 40' deep, cased to 18' with 36" culvert, pump with 1/2 horse electric motor
10. The estimated amount of groundwater withdrawn each year 172,500 gallons
11. The log of formations encountered in the drilling of each well if available no log 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 hard water

Signature of Owner Norman Lang oDate December 18, 1963

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

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

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

11 306.

139116

FILED	
at 8:15	CLOCK A.M.
DEC 20 1963	
<i>W. Stevens</i>	
County Clerk & Recorder	
Deputy	

## GROUNDWATER INDEX

Page 1 of 1

County Adams Twp. 10 Rge. 06

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GW2

File No. ....

DUPLICATE

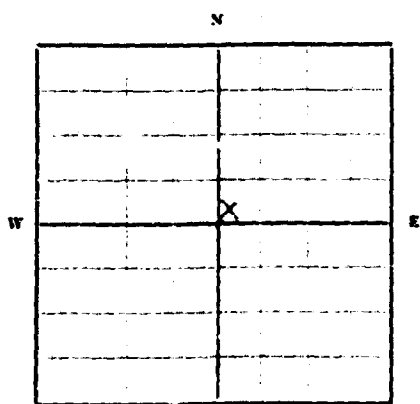
RECEIVED  
AUG 13 1963STATE ENGINEER  
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
AUG 6 1963Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Louis Jensen Address Baker MontDriller C.H. Askin Address Baker MontDate of Notice of Appropriation of Groundwater Nov 1Date well started Oct 25 Date Completed Oct 31Type of well rotary  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐To 236 old well  
236 to 272 Sandy Clay  
272 to 336 Sand

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)
3 7/8	Std 3"	ground level	336	4 rods 1 1/2" Std	272	336



NE 1/4 Sec. 6 T. 7 R. 1

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

Show exact depth of bottom.

Static Water Level for non-flowing Well 180 feet.

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

Pumping Water Level 220 feet at 8 gal. per minute.

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

How Tested Bailed Length of Test 3 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) .....

Askins Well Drilling 30 Driller's License Number

Driller's Signature  
C.H. Askin

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.

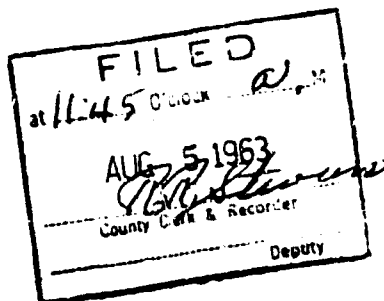
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

5276



137911



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

T. \_\_\_\_\_ R. \_\_\_\_\_

DUPLICATE

County \_\_\_\_\_

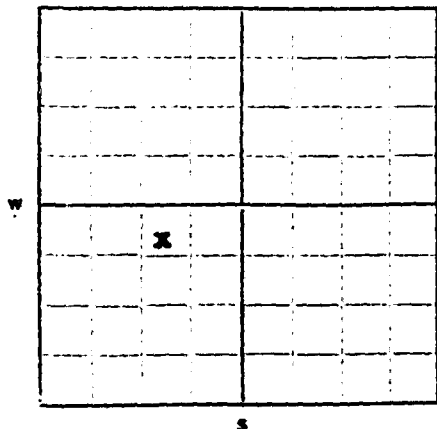
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



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

STATE ENGINEER

I, Harold Jensen of Baker  
(Name of Appropriator) (Address) (Town)  
County of Fallon 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. 6 T. 7 R. 61

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 how continuous the use has been... 60 gal per day for 3 months, 100 gal. per day for balance of year, since 1914
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...  
not used for irrigation
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... 1914
8. The depth of water table... 160'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... 5" casing 180'
10. The estimated amount of groundwater withdrawn each year... 32,400 gal.
11. The log of formations encountered in the drilling of each well if available...  
none available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record...

Signature of Owner Harold JensenDate June 15, 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.

134960

FILED	
at 2:30 O'clock	P. M.
JUN 15 1962	
RR Stevens	
County Clerk	Recorder
Beatrice A. Sutton	Deputy

File No. ....

T 7 R 61E

DUPLICATE

County Fallon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

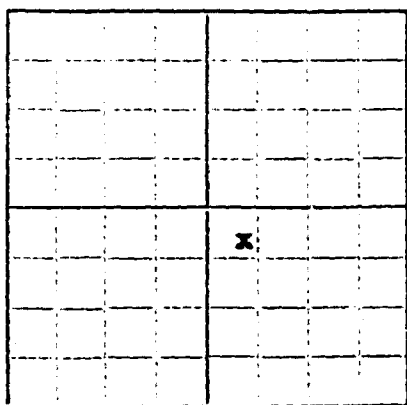
RECEIVED

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Harold Jensen of Baker  
(Name of Appropriator) (Address) (Town)  
County of Fallon State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NW 14 SE 1 Sec. 6 T. 7 R. 61

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 how continuous the use has been. drilled 1955 200 gal per day
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 not used for irrigation
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 1955
8. The depth of water table 200'
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 308' depth, 4" casing
10. The estimated amount of groundwater withdrawn each year 73,000 gal. per yr.
11. The log of formations encountered in the drilling of each well if available none available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Harold JensenDate June 15, 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.

134962

FILED	
at 2:30 O'clock	P.M.
JUN 15 1962	
R. P. Stevens	
County Clerk & Recorder	
Beatrice E. Hutton	Deputy

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

DUPLICATE

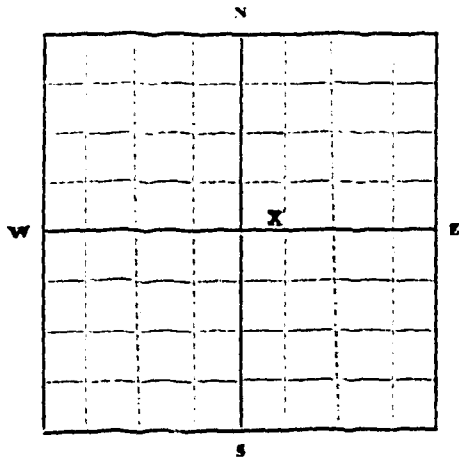
T 7 N R 6 E

County \_\_\_\_\_

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

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

1. Harold Jensen of Baker  
 (Name of Appropriator) (Address) (Town)  
 County of Fallon State of Montana  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 6 T. 7. R. 61

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 how con-  
 tinuous the use has been 1914 400 gallons  
per day
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  
not used for irrigation
6. The means of withdrawing such water from the ground and the  
 location of each well or other means of withdrawal  
gas engine pump
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
 drawal of groundwater 1914
8. The depth of water table 200'
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 225' 5" casing
10. The estimated amount of groundwater withdrawn each year 146,000 gal.
11. The log of formations encountered in the drilling of each well if available  
none available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
 reference to book and page of any county record

Signature of Owner Harold Jensen

Date June 15, 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.

134963

FILED	
at 2:30 P.M.	
JUN 15 1962	
R R Stevens	
County Clerk	Register
Beatrice E. Hutton	
Deputy	

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

T. 7 R. 61

DUPLICATE

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

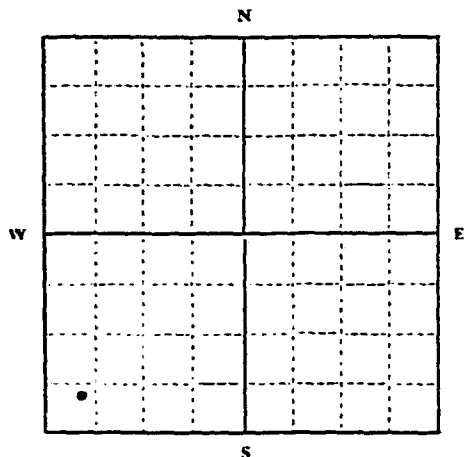
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Roy Crawford, of \_\_\_\_\_ Baker  
(Name of Appropriator) (Address) (Town)

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



SW  $\frac{1}{4}$  Sec. 8 T. 7 R. 61

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 TO WATER STOCK

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946 WATER STOCK  
EVERY SUMMER & FALL  
SOME TIMES IN WINTER

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater I don't know when it was completed

8. The depth of water table approx 60 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 240 feet

10. The estimated amount of groundwater withdrawn each year 132,600 gals

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

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

Signature of Owner Roy Crawford

Date Dec 27 1963

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

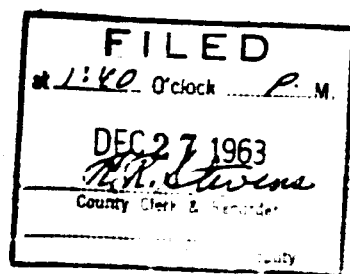
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

14331



139320



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

T 7 R 61

DUPLICATE

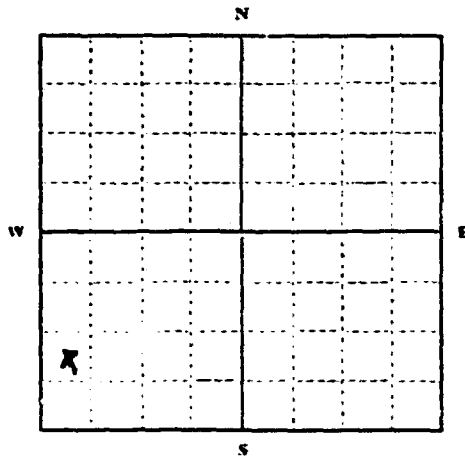
County Fallon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Merritt Duffield, of Box 157 Baker  
(Name of Appropriator) (Address) (Town)  
County of FALLON State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 14 T. 7 R. 61

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 Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945  
6 Mo. 2 year
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 to 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 WINDMILL  
AND PUMP Jack gasoline
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945
8. The depth of water table 60'
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 4" steel casing 340' deep 1 5/16" Cyl.
10. The estimated amount of groundwater withdrawn each year 180000
11. The log of formations encountered in the drilling of each well if available see
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record see

Signature of Owner

Merritt Duffield

Date 12-30-63

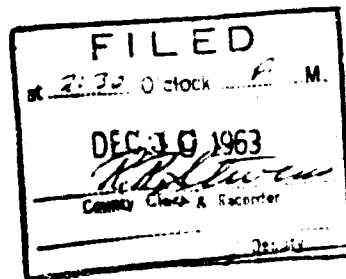
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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

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

22270

139458



File No.

DUPLICATE

County **Fallon**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**Mike Kirschten**

(Name of Appropriator)

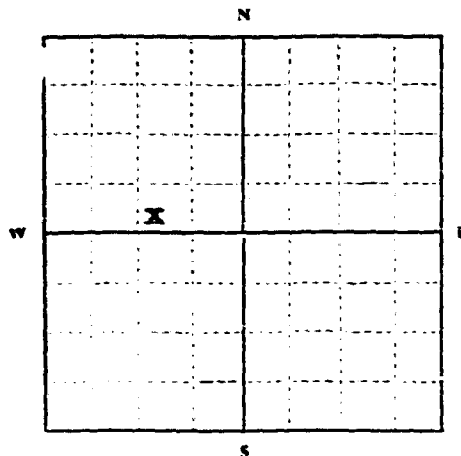
, of **Baker**

(Address)

(Town)

County of **Fallon**State of **Montana**

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



NW 1/4 Sec. 16 T. 7N. R. 61E

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**3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
**1959 summers.**4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
**3 gals**5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
**Not used for irrigation**6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
**Pump and windmill**7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
**1959**8. The depth of water table **Unknown**9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
**Drilled, 6 inch. Unknown**10. The estimated amount of groundwater withdrawn each year **180,000 gals**11. The log of formations encountered in the drilling of each well if available  
**Unavailable**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 *Mike Kirschten*Date **Dec 30 - 1963**

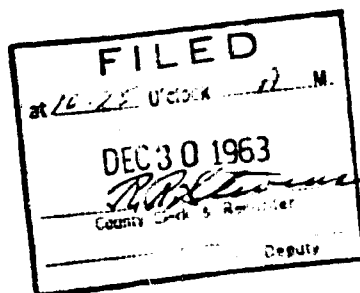
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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

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

22187

139375



File No. ....

T. 7N R. 61 East

DUPLICATE

County Fallon

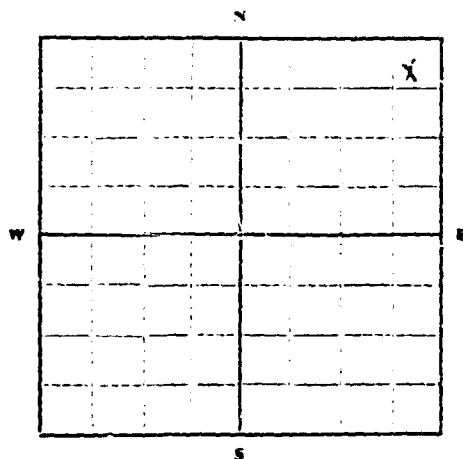
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**RECEIVED**  
JAN 3 1964  
STATE ENGINEER

1. M. N. Barrett of 220 North 11th, Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 18 T. 7 R. 61

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 4/16/49; continuous to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 4/2/49 commenced; 4/16/49
8. The depth of water table 135 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 270 feet deep; 180 feet 8" casing; 90 feet 6" casing; 50 feet perforated
10. The estimated amount of groundwater withdrawn each year 524,160 gallons
11. The log of formations encountered in the drilling of each well if available 0 - 220 feet gumbo; 220 - 270 feet sand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner M. N. Barrett

Date December 30, 1963

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

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

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

22364

139551

FILED
at 2:00 P.M. DEC 31 1963
<i>R. R. Steen</i>
County Clerk & Recorder
Deputy

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

DUPLICATE

RECEIVED  
NOV 12 1963

County \_\_\_\_\_

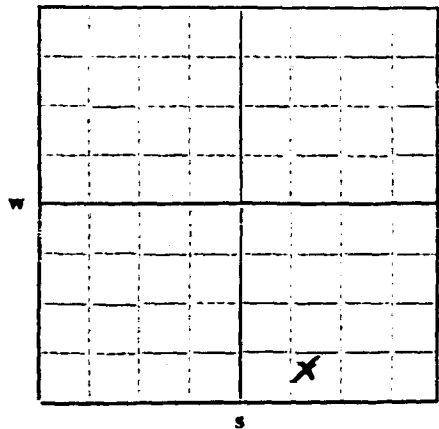
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEERRECEIVED  
NOV 5 1963

STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, FOREST DUFFIELD of BAKER  
 (Name of Appropriator) (Address) (Town)  
 County of FALLON State of MONTANA  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 20 T. 7 R. 61

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 feed
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug. 1955  
water table below surface
4. The amount of groundwater claimed (in miner's inches or gallons per minute) unknown
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand-dug well  
5 ft. deep
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1955
8. The depth of water table 100 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 well  
5 ft. deep
10. The estimated amount of groundwater withdrawn each year 1000-1500
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Forest DuffieldDate Nov 5 1963

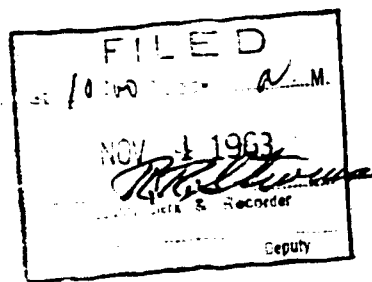
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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

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



138624



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

T 7N R 61E

DUPLICATE

County Fallon

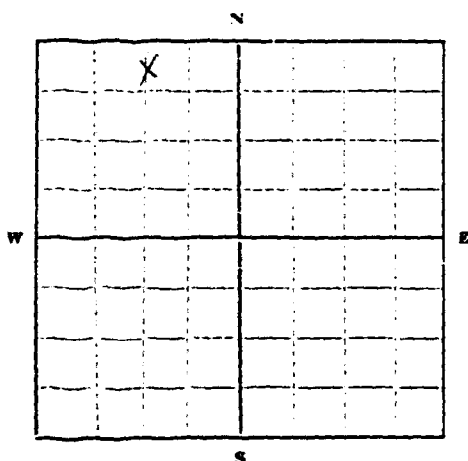
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**RECEIVED**  
DEC 23 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Norman Lang of Baker  
(Name of Appropriator) (Address) (Town)  
County of Fallon State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 20 T. 7 R. 61

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
3. Date or approximate date of earliest beneficial use: and how continuous the use has been fall of 1959; continuous to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1/2 gallon per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump at well site
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well drilled fall of 1959
8. The depth of water table 3' from surface at low ebb; flows occasionally
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 improved spring which flows several months per year; when flow stops it is pumped with 3 horse power gasoline engine for about two months in the fall of each year; well is a 4' x 4' box, 14' long sunk in spring
10. The estimated amount of groundwater withdrawn each year 72,000 gallons
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Norman Lang

Date December 18, 1963

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

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

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

11305

139115

FILED	
at 8:15	O'clock A.M.
DEC 20 1963	
<i>P. R. Stevens</i>	
_____ Clerk	

File No.

T 7N R 61E

DUPLICATE

County Fallon

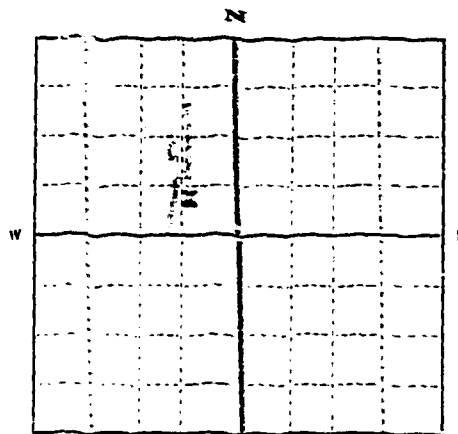
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Mike Kirschten

I, Mike Kirschten, of Baker,  
(Name of Appropriator) (Address) (Town)  
County of Fallon State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 21 T. 7N R. 61E

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 1955. used yearly fall and early winter.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 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  
Not used for irrigation.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Pump and motor.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1955.
8. The depth of water table Unknown
9. So far as it may be available, the type, size Drilled of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch 186 feet
10. The estimated amount of groundwater withdrawn each year 135,000 gals.
11. The log of formations encountered in the drilling of each well if available Unknown.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

Mike KirschtenDate Dec 30. 1963

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

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

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

22188

139376

<b>FILED</b>
at <u>12:00</u> O'clock <u>P.</u> M.
<b>DEC 30 1963</b>
<i>[Signature]</i>
County Clerk & Recorder
Deputy

File No. ....

T 7 R 61

DUPLICATE

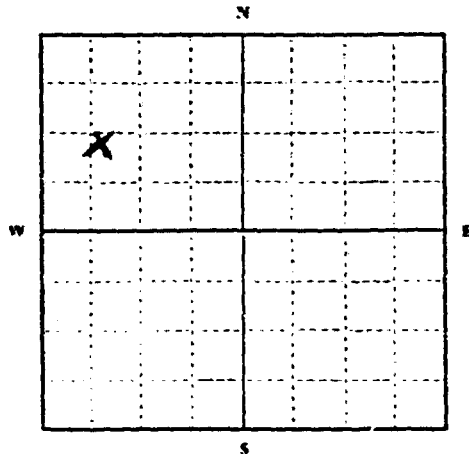
County Fallon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Merritt Duffield of Box 157 Baker  
(Name of Appropriator) (Address) (Town)  
County of FALLON State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec 26 T. 7 R. 61

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 Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 Every day
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 to 5 gals P.M.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal WINDMILL  
GASOLINE PUMP JACK
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948
8. The depth of water table 40'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled 4" casing 160' deep
10. The estimated amount of groundwater withdrawn each year 182500
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Merritt DuffieldDate 12-30-63

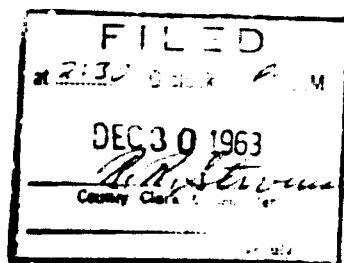
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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

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

22271

139459



27

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

MONTANA WATER RESOURCES BOARD

T. 7 N R. 61 E

DUPLICATE

RECEIVED

County Fallon

LOG

DECEMBER 1967

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

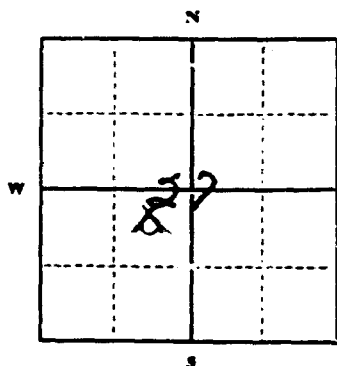
Top of Ground  
(Elev. above sea level \_\_\_\_\_)

0 - 80 Sand  
 80 - 90 Clay, Gray  
 90 - 200 Sandy clay, gray  
 200 - 210 Sandy clay, light  
 210 - 240 Sandy clay, Gray  
 240 - 260 Clay, sand lenses  
 260 - 300 Sandy clay, gray green  
 300 - 304 Clay

Owner Bureau of Land Management Address Helena CityDriller Briggs Drilling Co. Address Billon, MontanaDate of Notice of appropriation of groundwater N/ADate well started 9/5/67 Date completed 9/9/67Type of well Drilled Equipment used Cable tool  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 19.154/ft.	+2	304	Slots 1/8"x6"	215 240	220 260

Static Water Level for non-flowing well 206 feet.Shut-in Pressure for Flowing Well N/APumping Water Level 221 feet  
at 18 gal. per minute.Discharge in gal. per min. of flowing well N/AHow Tested ReilingLength of Test 1 Hr.Remarks: (Gravel packing, cementing, packers, type of shutoff) N/A

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

(Continue on reverse side)

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

N/A

Show exact depth of bottom.

Van Well (M2-2-2221)

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

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

148

Driller's License Number

Driller's Signature

- 2, 6, 51



4899

FILED	
at 10:30	O'clock A.M.
DEC 14 1967	
<i>Dea. A. Thomas</i>	
County Clerk & Recorder	
Deputy	

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

T 7 R 61

DUPLICATE

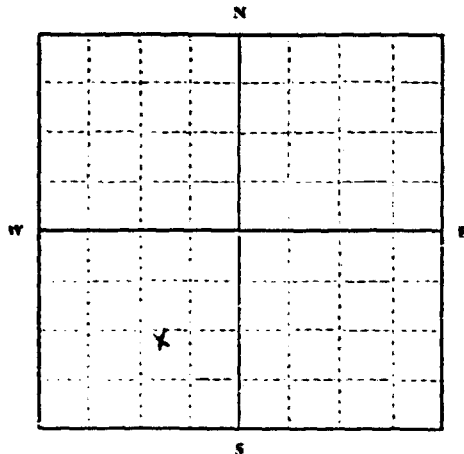
County Fallon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Merritt Duffield, of Box 157 Baker  
(Name of Appropriator) (Address) (Town)  
County of FALLON State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW  $\frac{1}{4}$  Sec. 28 T. 7 R. 61

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 LIVESTOCK  
HOUSE HOLD
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948  
Everyday 4 HOURS
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 GALLON 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 PUMP JACK ELECTRIC

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948
8. The depth of water table 20'
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 4" casing 100' deep
10. The estimated amount of groundwater withdrawn each year 262800 GALS
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Merritt Duffield

Date

12-30-63

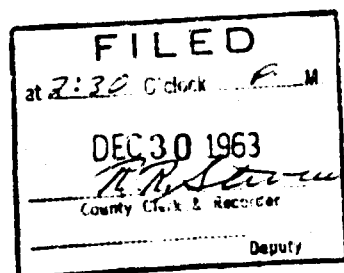
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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

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

22272

139460



File No.

T. 7N R. 61E

DUPLICATE

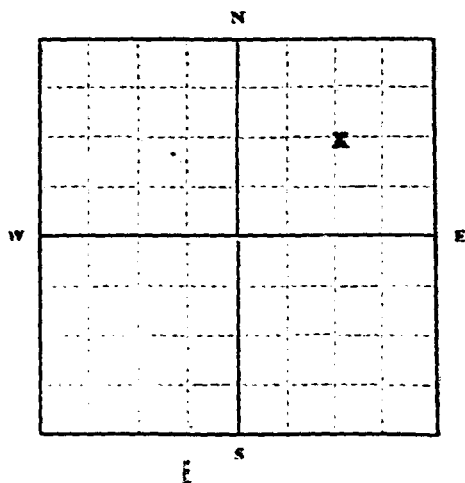
County Fa Fallon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Mike Kirschten, of Baker,  
(Name of Appropriator) (Address) (Town)  
County of Fallon State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 28 T. 7N R. 61E

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  
Unknown  
Year around
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
4 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  
Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Pump and motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Unknown
8. The depth of water table  
Unknown
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, 8 inch, 165 feet
10. The estimated amount of groundwater withdrawn each year  
146,000 gals
11. The log of formations encountered in the drilling of each well if available  
Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
None

Signature of Owner Mike Kirschten

Date Dec 30 1963

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

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

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

22185

139373

FILED	
at 10:25	O'clock P. M.
DEC 30 1963	
<i>[Signature]</i>	
County Clerk & Recorder	
Deputy	

## GROUNDWATER INDEX

Page 1 of 1

County Fallon Twp. 2nd Rge. 5th

[illegible]

T6N R85E

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

DUPLICATE

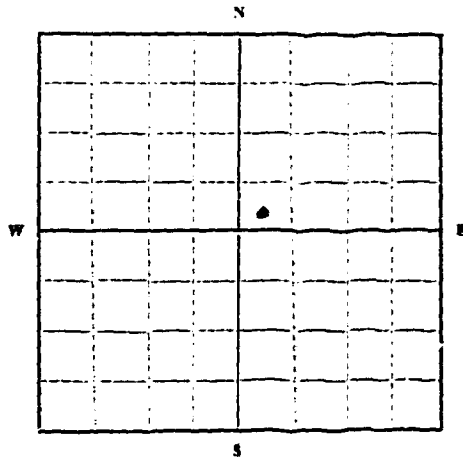
T. 6 R. 55ECounty Fall

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, John A. Blum of \_\_\_\_\_ (Name of Appropriator) (Address) (Town)  
County of Fall State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 1 T. 6 R. 55

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6.5
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

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 estimated amount of groundwater withdrawn each year 1.5
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 John A. BlumDate Dec 20 1961

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.

2272

139 360

FILED	
at 9:10	O'clock A.M.
DEC 30 1963	
<i>W. Stevens</i>	
County Clerk & Recorder	
Deputy	



57

Approved Stock Form—State Publishing Co., Helena, Montana—38496

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

T. 6N R. 55E

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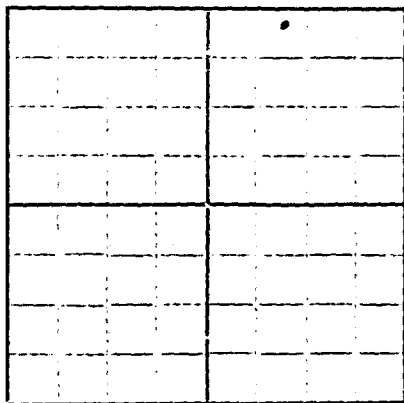
County Fallon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. DETROIT IRONHART of Island (Name of Appropriator) (Address) (Town)  
County of Fallon State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 3 T. 6 R. 55E

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: DATE of construction 1961

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

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. Means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Well on land

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

8. The depth of water table: 180 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 1 1/2 in. 12 ft. deep

10. The estimated amount of groundwater withdrawn each year: 308,800

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

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

Signature of Owner Detroit Ironhart

Date Dec 20 1963

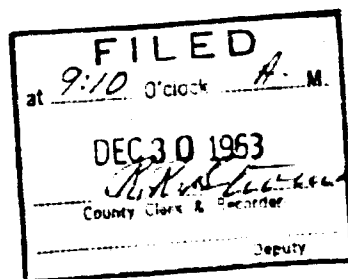
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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

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

22170

139353



File No. ....

DUPLICATE

RECEIVED  
Approved Stock Form—State Publishing Co., Helena, Montana—4234  
MAR 20 1963

T. 6N R. 55E

County Gallon

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

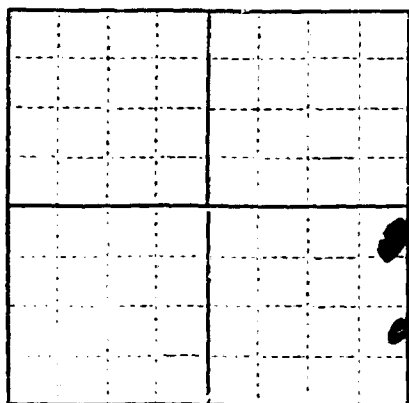
DEC 27 1963

STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Macbay Ranch, of Asmay  
(Name of Appropriator) (Address) (Town)  
County of Gallon State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec 16 - T. 6 - R. 55

NE 1/4 Sec 16 T55R

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

line stock water

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

1955 continuously

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

5 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

free flow spring

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

unavailable

8. The depth of water table

spring

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

ditch 50 ft long 8 ft. deep

10. The estimated amount of groundwater withdrawn each year

1,314,000

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

unavailable

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.

unavailable

Signature of Owner

Macbay Ranch  
By Don Sten  
Date 12-23-63

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

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

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

1246

139256

<b>FILED</b>
at <u>2:10</u> O'clock <u>P.</u> M.
DEC 26 1962
<i>R. H. Thomas</i>
County Clerk & Recorder
Deputy

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

DUPLICATE

T. 6 N R. 55 E

County Fallon

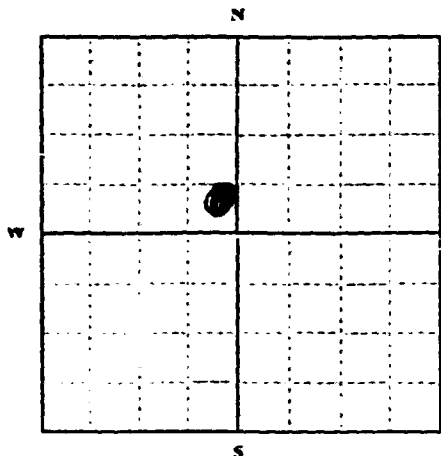
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 27 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Markay Ranch of Ismay  
(Name of Appropriator) (Address) (Town)  
County of Fallon State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



BE 1/4 NW Sec. 16 T. 6 N R. 55 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 livestock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955 continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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  
NONE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
free flowing spring
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
unavailable
8. The depth of water table spring
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
ditch 50 ft long 8 ft deep
10. The estimated amount of groundwater withdrawn each year 1,314,000
11. The log of formations encountered in the drilling of each well if available  
unavailable
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  
unavailable

Signature of Owner

Markay Ranch  
By Don Stan  
Date 12-23-63

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

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

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

10250

139260

FILED	
at 2:00	O'clock P.M.
DEC 26 1963	
<i>R. P. [Signature]</i>	
County Clerk & Recorder	
Deputy	

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

T. 6 R. 55  
County Fallon

DUPLICATE

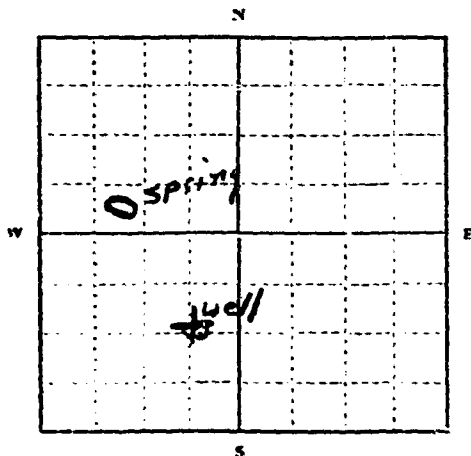
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
JAN 6 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 227, Montana Session Laws, 1961)

STATE ENGINEER

1. G. J. Drange, of Isle  
(Name of Appropriator) (Address) (Town)  
County of Custer + Fallon State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 19 T. 6 R. 55

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 Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1952

4. The amount of groundwater claimed in miner's inches or gallons per minute 7 gal. - well flowing spring

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 pump flowing spring

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1952

8. The depth of water table 25'

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 140 ft

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

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

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

Signature of Owner G. J. Drange

Date 12-30-1963

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

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

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

22324

139513

<b>FILED</b>
at <u>10:30</u> O'clock <u>A</u> . M.
<b>DEC 31 1963</b>
<i>R. L. Starnes</i>
Clerk of Court & Recorder
Deputy



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

DUPLICATE

T. 6

R. 55

County

Dalton

RECEIVED  
DEC 27 1963

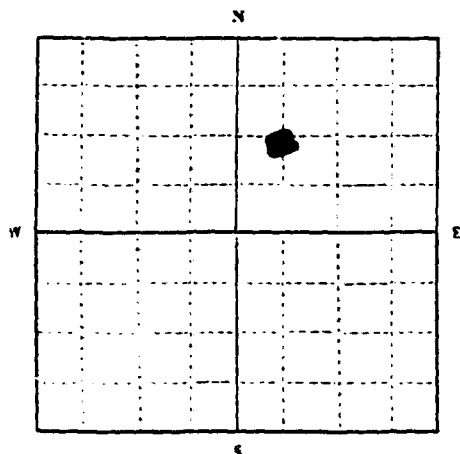
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Macbay Ranch, of Samay  
(Name of Appropriator) (Address) (Town)  
County of Dalton State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NE Sec 23 T. 6 R. 55

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 live stock water

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

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

None

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

flowing well

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

unavailable

8. The depth of water table

947 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 2 inch casing  
947 ft deep.

10. The estimated amount of groundwater withdrawn each year 131,400

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

unavailable

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.

George Geben  
Miller City, Mont

Signature of Owner

By Don Stan

Date

Macbay Ranch  
12-23-63

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

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

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

13251

139261

FILED	
at 2:10	O'clock P. M.
DEC 26 1963	
<i>R. A. Stevens</i>	
County Clerk & Recorder	
Deputy	

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

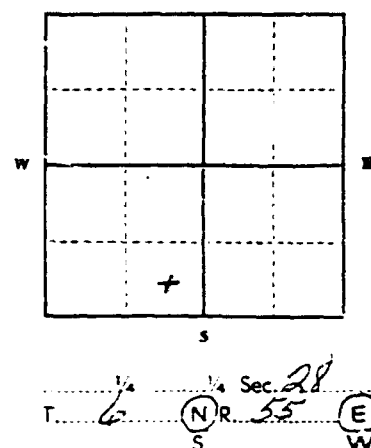
Owner McKay Ranch  
Address Ismay, Mont.  
Date well started Sept. 18, 1972  
completed Sept. 24, 1972  
Type of well Bored  
Equipment used Boring machine  
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

For Administrator's Use  
File 13174  
July 12, 1972 10:30am  
GW 1

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

ESTIMATED ANNUAL WITHDRAWAL 75,000 gals.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
<u>24" hole</u>	<u>14 gauge</u>	<u>1' above ground level</u>	<u>60'</u>	<u>1" holes</u>
				<u>14 ft.</u>
				<u>50 ft.</u>



Static water level 10 ft.  
Pumping water level 25 ft.  
at 2 gallons per minute,  
measured 60 minutes after pumping began.  
\*Measured from ground level  
Well developed by bailing  
for 2 hours.  
Power            Pump            HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)  
Basins was gravel  
packed with  
3/4" rock

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

Driller's Signature Nick O'Donnell  
Driller's Address Box 127  
Baker, Mont. LICENSE NO. 216

County Fallon 28

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
<u>0</u>	<u>2</u> <u>Loamy Clay</u>
<u>2</u>	<u>8</u> <u>Sandy Clay</u>
<u>8</u>	<u>14</u> <u>Clay</u>
<u>14</u>	<u>16</u> <u>Gravel</u> <u>Water</u>
<u>16</u>	<u>20</u> <u>Streaks of gravel</u>
<u>20</u>	<u>22</u> <u>Coal</u>
<u>22</u>	<u>34</u> <u>Brown Clay</u>
<u>34</u>	<u>38</u> <u>Grey Clay</u>
<u>38</u>	<u>41</u> <u>Coal</u>
<u>41</u>	<u>52</u> <u>Clay</u> <u>streaks of sand</u>
<u>52</u>	<u>58</u> <u>Blue sand</u> <u>water</u>
<u>58</u>	<u>60</u> <u>Clay</u>

60 Show exact depth of bottom  
50,905

13174

FALLON COUNTY  
BAKER, MONTANA

Filed for Record

at 10:30 o'clock A.M.

JUL 12 1972

*Ben A. Johnson*  
County Clerk

Deputy