GW

File No. .....

T 3N R 61 E

DUPLICATE

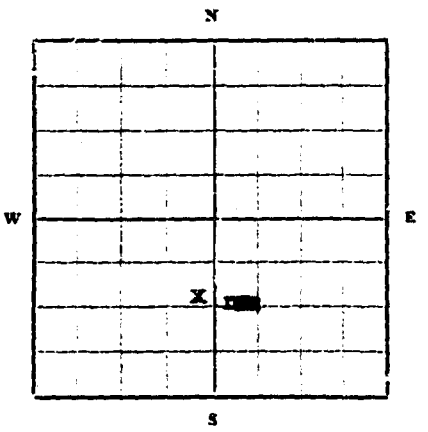
County Fallon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Art. Fronstad 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 ¼ Sec. 11 T3N 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 Watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1939 and in continuous use since then

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 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 pump and windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilled and placed in operation sometime in 19)

8. The depth of water table 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 Drilled well, 4 inches in diameter, 80 feet Deep, cased to full depth and equiped with pump and windmill

10. The estimated amount of groundwater withdrawn each year 72,000 gallons per year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 Art Fronstad

Date Nov 2, 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.

136075

FILED
at 8:15 o'clock a M.
NOV 5 1962
Hal Stevens
County Clerk & Recorder
Deputy

GV

Approved Stock Form—State Publishing Co., Helena, Montana—41911

File No. .....

T 3N R 61E

DUPLICATE

County Fallon

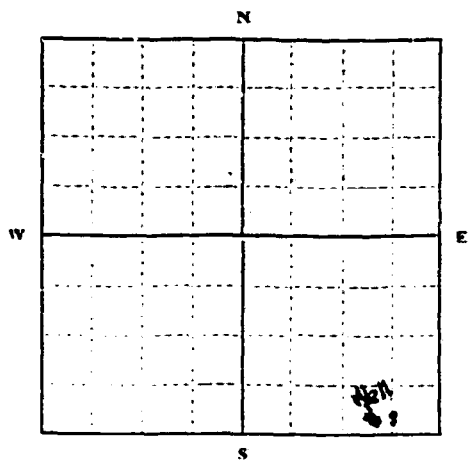
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1968
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. S bar X Ranch
John K. Rusley, partner, of Baker, Mont.
(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 ¼ Sec 12 T. 3N 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 on livestock and domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1944 and has been in continous use since that time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 18 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. Withdrawal is with suface pump, drop pipe and cylinder

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1944 and completed in June 1944

8. The depth of water table 130 ft. to water table and 30 ft. water bearing sand

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 with 4" casing and drilled to a depth of 160 ft.

10. The estimated amount of groundwater withdrawn each year 144,000 gals. per year.

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

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

S bar X Ranch
John K. Rusley, partner
Signature of Owner

Date 12 / 5 / 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.

138972

FILED
at 11:00 o'clock A M.
DEC 11 1963
County Clerk & Recorder
Deputy

1H

RECEIVED
JUN 1959
STATE ENGINEER

T. R.

County Fallon

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Hot Springs Address Lager Line

Driller Henry Ehrhart Address Lodge Grass, Mont

Date Started 6-3-59 Date Completed 6-4-59

Location: Sec. T. R. ¼ sec.

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 130 ft. Type Perforated Size 6 in. O.D.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 130 to ft. 92 Ft. to ft.

Type of screen or perforations Mill Perforations

Static Water level, for non-flowing well: 42 feet.

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

Pumping water level [illegible] feet at [illegible] gal. per min.

How tested: Bailer

Length of test 3 hrs

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	5	Sand
5	22	Dark Brown Shale
22	23	Coal
23	32	Blue Shale
32	45	Brown Shale
45	60	Sand
60	85	Grey Shale
85	90	Blue Shale
90	110	Sand
110	113	Lime Stone
113	130	Sand

FILED
at 2:20 o'clock P. M.
JUN 5 1959
[illegible] Clerk
Deputy

128319

C

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No.

T 3N R 61E

County Fallon

DUPLICATE

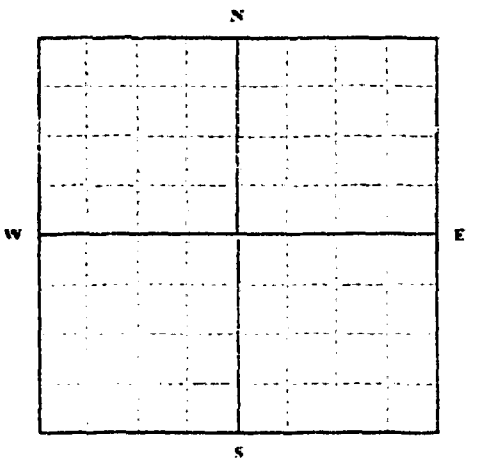
RECEIVED DEC 30 1963 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harvey Nichols (Name of Appropriator), of Baker (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:



SW ¼ SW Sec. 14 T 3N 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 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 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 160 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 in casing 150 1 1/4 pipe

10. The estimated amount of groundwater withdrawn each year 1,875,000

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 Harvey Nichols
Date Dec 19 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.

14278

139238

FILED
at 2:30 O'clock P M
DEC 26 1963
County Clerk & Recorder
Deputy

GW

File No. .....

T. 3n R. 61E

DUPLICATE

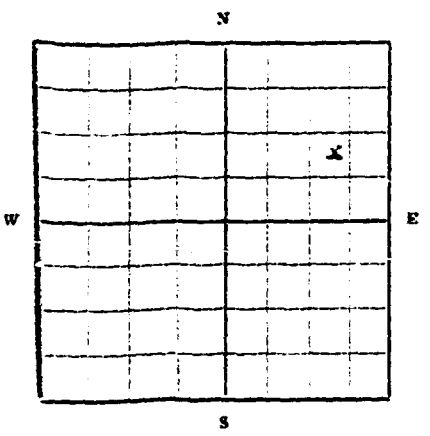
County Fallon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Art Tronstad (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:



SE ¼ NE¼ Sec. 14 T. 3N 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 Watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1917 and in continuous ~~use~~ use since then

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 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 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 Drilled back in 1917 and in continuous use since then; removal of water by pump and windmill

8. The depth of water table 100 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, 6 inches in diamter, 160 feet Deep, cased to full depth and equiped with pump and windmill

10. The estimated amount of groundwater withdrawn each year 290,000 gallons per year

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

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

Signature of Owner .....

Date Nov 2, 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.

136074

FILED
at 8:15 O'clock a M.
NOV 5 1962
R B Blume
Clerk & Recorder

GW

File No.

DUPLICATE

T 3N R 61E

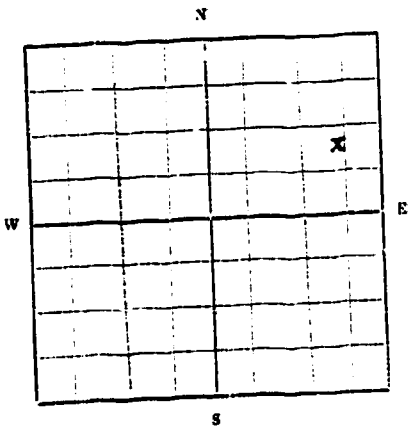
County Fallon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Art Tronstad (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:



SE ¼ NE¼ Sec. 14 T 3N 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 Hog and chicken Watering and Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 15, 1952 and has been in continuous use since that date.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilled on May 15, 1952, cased and put into immediate use

8. The depth of water table 100 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, 4 Inches in diameter, 150 feet Deep, cased to full depth, equipped with ~~pump~~ pump powered with Electric Motor

10. The estimated amount of groundwater withdrawn each year 1,000,000 gallons per year

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

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

Signature of Owner [signature]

Date Nov 2, 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.

136053

FILED
at 8:15 O'clock A. M.
NOV 5 1962
County Clerk & Recorder
Deputy

G

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No.

T. 3 N R. 61 E

County Fallon

DUPLICATE

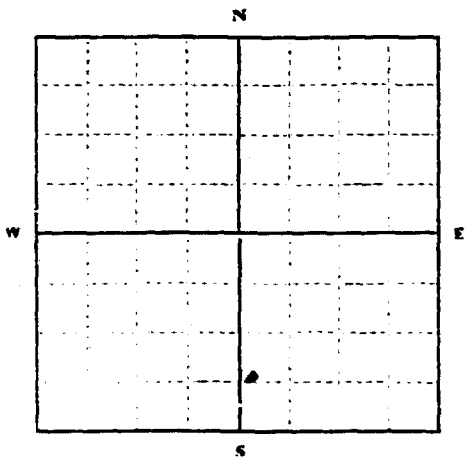
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 30 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harvey Nichols (Name of Appropriator), of Baker (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:



SE ¼ SE Sec. 15 T3N R61E

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 well

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

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

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

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 140

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 in Casing 150 ft
1 ¼ pipe 120 ft

10. The estimated amount of groundwater withdrawn each year [illegible] per yr

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 Harvey Nichols

Date Dec 9/63

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.

12276

139236

FILED
at 1:30 O'clock P M
DEC 26 1963
County Clerk & Recorder
Deputy

GW

File No. .....

T 3N R 61E

DUPLICATE

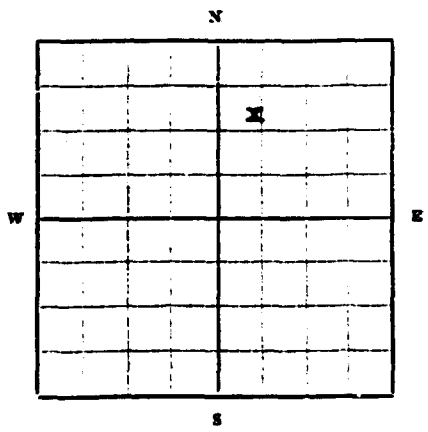
County Fallon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Art Tronstad (Name of Appropriator), of Baker (Address) Montana (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 ¼ NE¼ Sec. 15 T. 3N 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 Watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 3, 1959 and has been in continuous use since that date

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilled Well on June 3, 1959, cased it immediately and put a pump down and commenced using well.

8. The depth of water table 80 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, 4 Inches in diameter, 130 feet deep, cased to 130 feet level, equipped with pump operated by Gas Engine.

10. The estimated amount of groundwater withdrawn each year 275,000 gallons per year

11. The log of formations encountered in the drilling of each well if available 0-5 Sand; 5-22 Dark Brown Shale, 22-23- Coal; 23-38, Blue Shale; 38-45, Brown Shale; 45-60, Sand; 60-85, Gray Shale; 85-90, Blue Shale; 90-110, Sand; 110-113, Lime Stone; 113-130 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 [signature]

Date Nov 2, 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.

136072

FILED
at 8:15 o'clock a. M.
NOV 5 1962
County Clerk & Recorder
Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—39319

File No.....

T. 3 R. 61

DUPLICATE

County Fallon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0 to 28 Sandy Clay
28 to 33 Sand 3 gal
33 to 65 Per Min Clay
65 to 97 Coal Streak
Sand & Clay

Owner Arthur L Meccage Address Baker Mont

Driller C L Askin Address Baker Mont

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

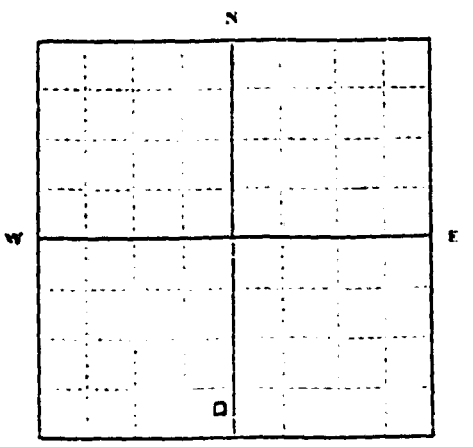
Date well started..... Date Completed Oct 15

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

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Stock ☑

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
5 3/4	4" 11-lb.	0	97	4 round 1/8 by 1"	32 -	95



..¼.. Sec. 16 T. 3 R. 61

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

Static Water Level for non-flowing Well 75 feet.

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

Pumping Water Level 55 feet at 7 gal. per minute.

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

How Tested Bailed 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).....

Show exact depth of bottom.

Askin's Well Drilling No. 50
Driller's License Number

C L Askin
Driller's Signature

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

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

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

22162

139350

FILED
at 8:55 O'clock ___ M.
DEC 30 1963
R. H. Stevens
County Clerk & Recorder
Deputy

GW 2 Revised 1969
13—3M—10 69

RECEIVED
FEB 11 1971

County [illegible] 17

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 227 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 [illegible]

Address [illegible]

Date well started [illegible]

completed [illegible]

For Administrator's Use
File [illegible]
[illegible] February 10, 1971
GW 1

Type of well [illegible]
(Dug, driven, bored or drilled)

Equipment used [illegible]
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

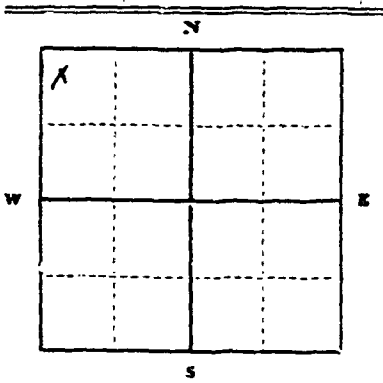
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		



Nw ¼ Nw ¼ Sec. 17
T. 3 N/S R. 61 E/W

Static water level [illegible] ft.*
Pumping water level [illegible] ft.*
at [illegible] gallons per minute,
measured [illegible] minutes after pumping began.
*Measured from ground level.
Well developed by Bailing
for [illegible] hours.
Power [illegible] Pump [illegible] 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 [illegible]

Driller's Address [illegible]

[illegible] LICENSE NO. [illegible]

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) [illegible]

From (Feet)	To (Feet)	
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

[illegible] Show exact depth of bottom

48121

GW 2 Revised 1969
13—3M—10/69

3N-61E

County Yellowstone 17

RECEIVED
FEB 11 1971

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 [illegible]

Address [illegible]

For Administrator's Use
File 10758 11:45 A.M. February 10, 1971
GW 1

Date well started Feb 22-1970

completed Feb 26-1970

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

Equipment used Rotary
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

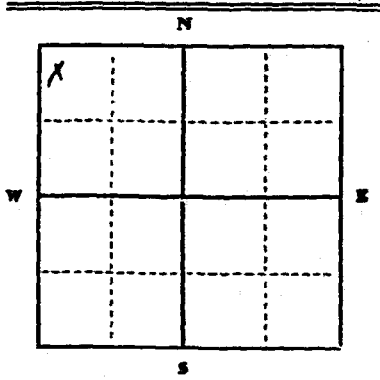
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	4" Steel [illegible]	0	145	1/8" Slot 1' long 4 Rows 1' apart	110	140



NW ¼ NW ¼ Sec. 17
T. 3 N/S R. 61 E/W

Static water level 120 ft.*
Pumping water level ft.*
at 8 gallons per minute,
measured 6 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)

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

Driller's Signature [illegible]

Driller's Address [illegible]

[illegible] LICENSE NO. 149

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	15	Sandy Clay
15	30	Sand
30	62	Sandy Clay
62	80	Clay Sand
80	110	Clay
110	140	Sand water
140	145	Clay

145 Show exact depth of bottom

48131

10758

FALLON COUNTY
BAKER, MONTANA

Filed for Record
at 11:45 o'clock A. M
FEB 10 1971
Bea Atkinson
County Clerk

Deputy

Fee: $2.00

G

Approved Stock Form—State Publishing Co., Helena, Montana—12234

File No.

T 3 N R 61 E

DUPLICATE

County Flathead

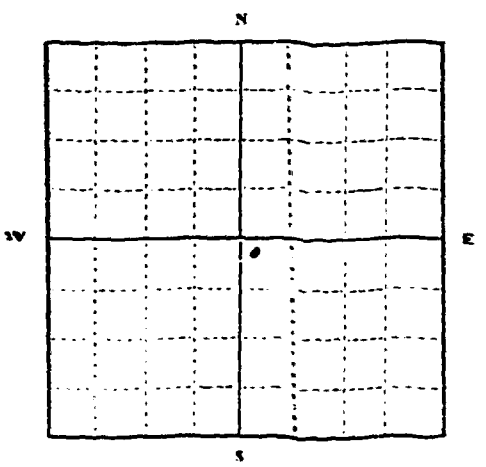
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Regina Chlebowski, of Eden
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW¼ SE¼ Sec. 22 T 3 N R 61 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 water
Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910 continuous
since since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal 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 sump
& pump house

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 135

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
4 in casing 135 ft
1½ pipe 135 ft

10. The estimated amount of groundwater withdrawn each year 1,525,600 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 Regina Chlebowski

Date 12/26/63

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

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

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

14287

139247

FILED
at 1:45 o'clock P.M.
DEC 26 1963
County Clerk & Recorder
Deputy

C

Approved Stock Form—State Publishing Co., Helena, Montana—1921

File No. .....

T. 3N R. 61E

DUPLICATE

County Fallon

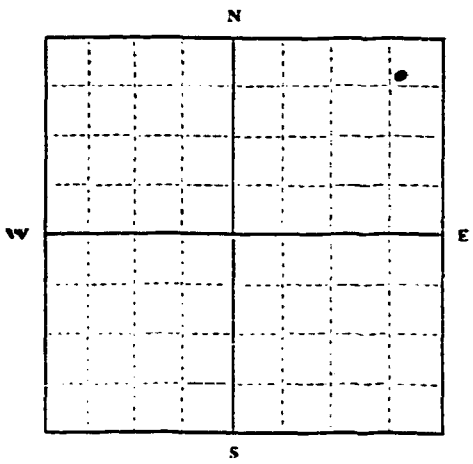
RECEIVED DEC 30 1963 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harvey Nichols, of Baker
(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:



NE¼ NE Sec. 23 T 5N 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 1950 continuous use since

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

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 + windmill

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 20 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 2 ft 12 in casing 2 ft 1¼ pipe

10. The estimated amount of groundwater withdrawn each year 1,825,000

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 Harvey Nichols

Date Dec 19 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.

14279

139239

FILED
at 1:30 O'clock P.M.
DEC 26 1963
County Clerk & Recorder
Deputy

G

Approved Stock Form—State Publishing Co., Helena, Montana—1921

File No.

T. 3 R. 61

DUPLICATE

County Fallon

RECEIVED DEC 30 1963 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

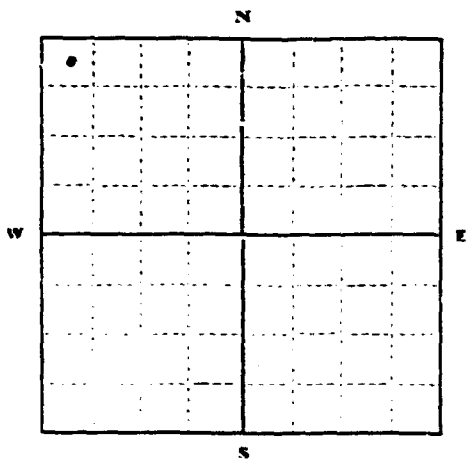
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harvey Nichols, of Baker, Mont
(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:



NE1/4 NW Sec. 23 T. 3 N R. 61 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 & household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1923 continuous use since then

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

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

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 110'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 in. casing 110 depth

10. The estimated amount of groundwater withdrawn each year 3000 gal. per yr.

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 Harvey Nichols

Date Dec 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.

14277

139237

FILED
at 1:30 O'clock P M
DEC 26 1963
County Clerk & Recorder
Deputy

G

Approved Stock Form—State Publishing Co., Helena, Montana—42234

29

File No.

T 3 R 61

County Fallon

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

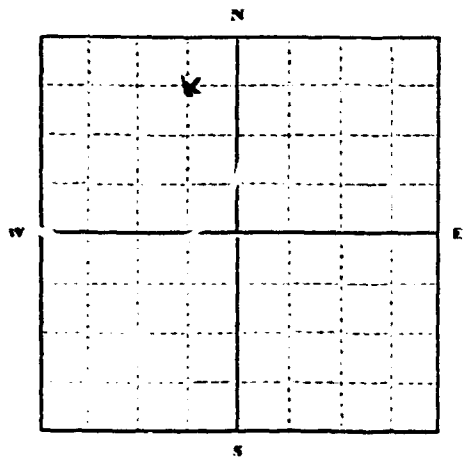
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edward Celander, of Baker
(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:



NE¼NW Sec. 29 T. 3 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 & Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1927

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

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

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 1927

8. The depth of water table 12 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 8 ft dia X 20 ft deep

10. The estimated amount of groundwater withdrawn each year ?

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

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

Signature of Owner Edward A Celander

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.

11328.

139143

FILED
at 2:20 o'clock P M
DEC 20 1963
R R Stevens
County Clerk & Recorder
Beatrice Atherton
Deputy

G

Approved Stock Form State Publishing Co. Helena, Montana

File No.

T 3N R 61 E

County FALLON

DUPLICATE

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

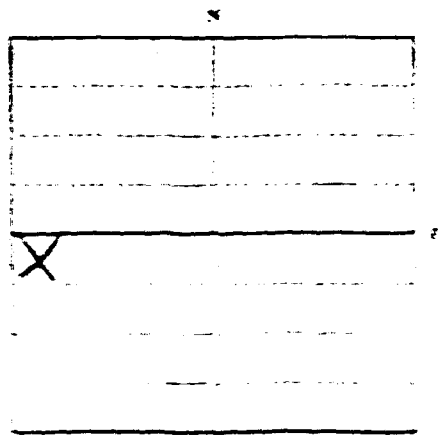
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. THOMAS B. TRAWEEK, of WEUSTER
(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:



2. The beneficial use for which the claim is based: LIVESTOCK WATER

3. Date of approximate date of actual construction and first application to the use: 1900 - CONTINUOUSLY

4. The amount of groundwater claimed in owner's notice in gallons per minute: THREE (3) GALLONS PER MINUTE

5. If used for irrigation, give the acreage and description of the place on which water has been applied and name of the person thereof: NOT APPLICABLE

6. The period of withdrawing each year from the ground and the rate of use, and if there is more than one period of withdrawal:

7. The [illegible]

8. The [illegible]

9. [illegible]

10. [illegible]

11. [illegible]

[illegible]

G

Approved Stock Form—State Publishing Co., Helena, Montana—C234

File No.

T. 3N R. 61 E

DUPLICATE

County FALLON

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 6 1964

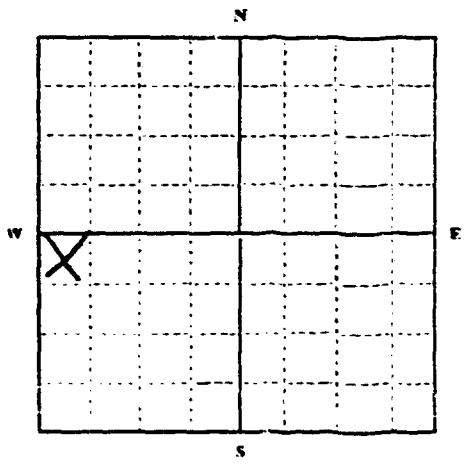
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I THOMAS B. TRAWEEK, of WEBSTER
(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 ¼ Sec. 31 T. 3N R. 61 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 1900 - CONTINUOUSLY

4. The amount of groundwater claimed (in miner's inches or gallons per minute) THREE (3) 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 FLOWING SPRING

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater NOT APPLICABLE

8. The depth of water table FLOWING 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 NOT APPLICABLE

10. The estimated amount of groundwater withdrawn each year 1,576,800 GALLONS

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

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 Thomas B. Traweek

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.

22249

139432

FILED
at 7:16 5 o'clock P. M.
DEC 30 1963
County Clerk & Recorder
Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—6234

File No.

T. 31 R. 61 E

DUPLICATE

County Fallon

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

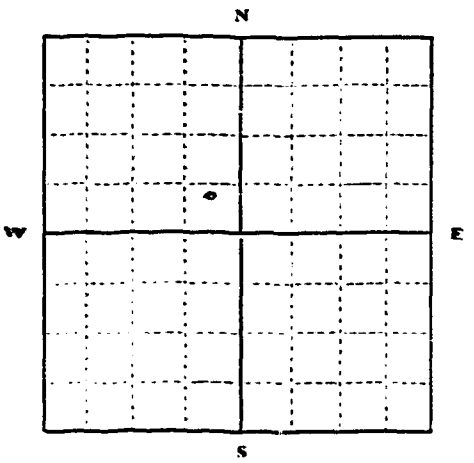
OFFICE OF STATE ENGINEER

RECEIVED DEC 30 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Regina Cadreck, 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 ¼ NW ¼ Sec. 34 T. 31 R. 61 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 water 2 ponds

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910 continuous use

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

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

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 6 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

10. The estimated amount of groundwater withdrawn each year 2,000,000 gal.

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 [illegible]

Date 12/26/63

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

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

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

14286

139246

FILED
at 1:45 O'clock P M.
DEC 26 1963
[illegible]
County Clerk & Recorder
Deputy

Approved Stock Form—State Publishing Co., Helena, Montana—C234

File No. .....

T. 3 R. 61

DUPLICATE

County Fallon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

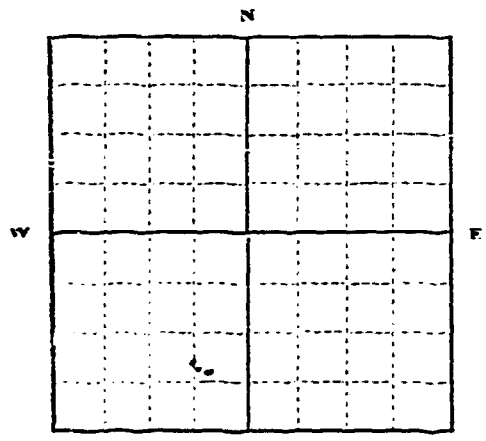
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Donald L Krieger (Name of Appropriator), of (Address) Baker (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 4 SW 4 ¼ Sec. 36 T. 3 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 & Household use

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

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

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 use

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

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

8. The depth of water table 50'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 90 ft.

10. The estimated amount of groundwater withdrawn each year 2,000,000

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 Donald L Krieger

Date 12-26-63

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

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

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

14-275

139235

FILED
at 1:30 O'clock P.M.
DEC 26 1963
County Clerk & Recorder
Deputy

GROUNDWATER INDEX

County FALLON Twp. 3N Rge. 62E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
6	RUSLEY, ROBERT	GW 2	10384	
20	" "	GW 4	138682	
31	KRIEGER, DONALD	WELL Log	131938	
32	" "	GW 4	139234	
6	Rusley, John - S Bar X Ranch	GW 3	138971	also in T. 3N-R.61E

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—48557

File No.....

T..... R.....

QUADRUPLICATE

County.....

LOG

Top of Ground

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

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

Owner..... Address.....

Driller..... Address.....

Date of Notice of appropriation of groundwater.....

Date well started..... Date completed.....

Type of well..... Equipment used.....
(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)

N

W E

S

Sec. 6 T. 3N R. 62E

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

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

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

Pumping Water Level..... feet

at..... gal. per minute.

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

How Tested.....

Length of Test.....

Remarks: (Gravel packing, cementing, packers, type of shutoff).....

.....(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature.

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—48557

File No.

T 34 R 62 E

QUADRUPLICATE

County Fallon

LOG

NOV 16 1970

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

Top of Ground

(Elev. above sea level _____)

Owner Six Ranch Robert Risley Address Baker Mont.

Driller Merle A. Bandy Address Lake Forest, Ill.

Date of Notice of appropriation of groundwater _____

Date well started 10-30-70 Date completed 11-3-70

Type of well Drilled (Dug, driven, bored or drilled) Equipment used Rotary (Churn drill, rotary, air 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)
5 7/8	7 in 20 # 10 in	0	200	Slots cut with torch	160	185

Static Water Level for non-flowing well 35 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 120 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested air pressure

Length of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

Doc. No. 10324

Filed for record 12 day of November 1970 at 4:15 o'clock P.M.

N W E S

NW¼ Sec. 6 T. 34 R. 62 E

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

(Continue on reverse side)

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

Show exact depth of bottom.

210

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder of 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.

112

Driller's License Number

Merle A. Bandy

Driller's Signature.

47743

10384

FALLON COUNTY
BAKER, MONTANA
Filed for Record
at 4:15 o'clock PM
NOV 12 1970
Bea Atkinson
County Clerk

Deputy

Fee: $2.00

GW I

File No. .....

DUPLICATE

T 3 N R 62 E

County Fallon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Feb. 1959

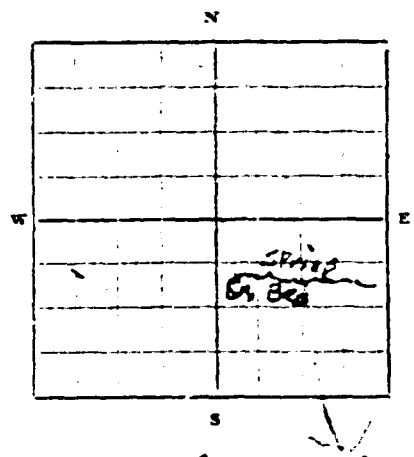
Owner S bar X Ranch John K. Rusley Mgr. Address Baker, Mont.

Contractor (if any) none

Address of Contractor .....

Date Started Mar. 1959 Date Completed May 1959

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Flowing spring, from a corse s sand formation and porous sand stone formation Water runs into natural creek bed which has fine sand bottom



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 April to Dec. No estimate of the amount, however sufficent to water 100 head of cattle

NE¼ Sec. 6 T3N R. 61 E

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

S bar X Ranch

Signature of Owner John K. Rusley Mgr.

Date 12 / 5 / 63

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

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

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

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

7847

GW 3

File No. _____ T 3 N R 62 E

DUPLICATE County Fallon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Feb. 1959

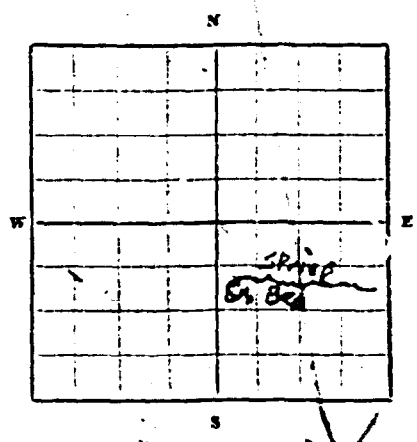
Owner S bar X Ranch John K. Rusley Mgr. Address Baker, Mont.

Contractor (if any) none

Address of Contractor _____

Date Started Mar. 1959 Date Completed May 1959

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Flowing spring, from a corse s sand formation and porous sand stone formation Water runs into natural creek bed which has fine sand bottom



N½ SE¼ Sec. 6 T3N R. 61 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 April to Dec. No estimate of the amount, however sufficent to water 100 head of cattle

S bar X Ranch

Signature of Owner John K. Rusley Mgr.

Date 12 / 5 / 63

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

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

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

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

9847

138971

FILED
at 11:00 o'clock A M.
DEC 1 1 1963
County Clerk & Recorder
Deputy

GV

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

File No.

T 3 N R 62 E

DUPLICATE

County Fallon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 13 1963
STATE ENGINEER

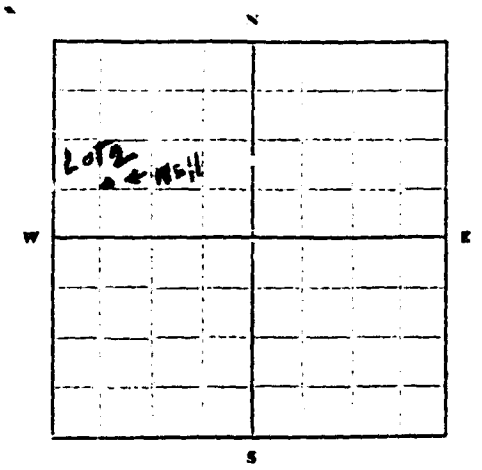
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I John K. Rusley, partner in the S bar X Ranch (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:



lot 2 Sec. 20 T. 3 N R. 62 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 on domestic and stock water supply

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 and has been used every year since that time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 by regular above ground pump, cylinder and drop pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater com. Aug. 10 completed Aug 17, 1948

8. The depth of water table 65 ft. from surface 65 ft. of water to bottom of well.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4" casing, depth 130 ft.

10. The estimated amount of groundwater withdrawn each year 145,000 gals. per. year

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

not available

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

S Bar X Ranch
Signature of Owner John K. Rusley, Partner
Date Nov. 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

138682

FILED
at 11:25 O'clock A M.
NOV 12 1963
County Clerk & Recorder
Deputy

31

T. 34 R. 62 E

County Fallon

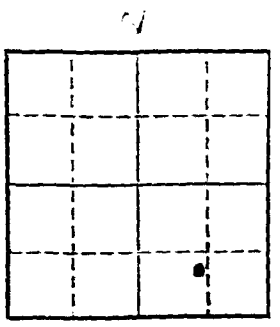
RECEIVED

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG

STATE ENGINEER



Owner Donald Krieger Address Baker Mont

Driller Kenn Barnard Address Ekalaka Mont

Date Started Jun 5 Date Completed Jun 7

Location: Sec. 31 T. 3 R. 62 ¼ sec. # SW of NSE

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: .....

Casing: 90 ft. to 220 ft. Type Steel pipe Size 4"

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

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

Perforated or Screened: Ft. 42 to ft. ..... Ft. ..... to ft. .....

Type of screen or perforations .....

Static Water level, for non-flowing well: 126 feet.

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

Pumping water level 130 feet at 6 gal. per min.

How tested: bailing

Length of test 1-hour

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

This well was drilled 130 ft deep

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	96	open hole
96	105	light shale
105	128	dark shale
128	135	green shale
135	165	light shale
165	170	sandy shale
170	220	shales

FILED
at 3:10 o'clock P.M.
JUN 12 1961
Secretary of State
By ..... Deputy

13193 8

G

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T. 3 R. 62

County Fallon

DUPLICATE

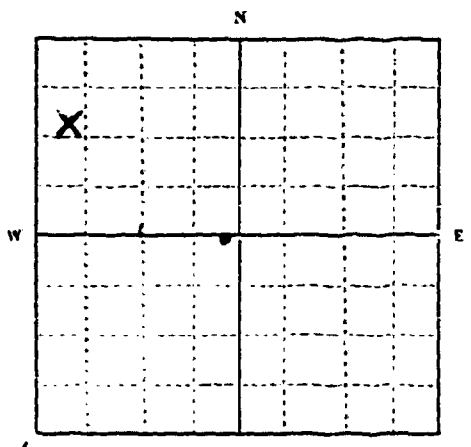
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Donald L. Krieger (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:



Lot 2
¼ Sec. 32 T. 3 R. 62

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 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal

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

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 135 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 265 ft.

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

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

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 Donald L. Krieger
Date 12-26-63

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

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

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

14274

139234

FILED
at 4:30 O'clock P M
DEC 26 1963
County Clerk & Recorder
Deputy

GROUNDWATER INDEX

County FALLON Twp. 2N Rge. 61E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	LOGAR, HENRY	GW4	138868	
2	SIPMA, JAKE	GW4	139248	
10	LOGAR, HENRY	WELL LOG	132031	
14	LOGAR, HENRY	GW2	138447	
14	" "	GW4	138811	
14	" "	GW4	138812	
14	" "	GW4	138813	
22	BIRTIE, FRANK	GW2	10377	
23	" "	GW4	139409	
23	" "	GW2	10376	
27	STRANGEFORD, LESLIE	GW4	139197	
27	" "	GW2	1042	
34	" "	GW4	139196	
35	KNIPFER, O.	WELL LOG	132406	
36	" "	WELL LOG	105551	

C

Approved Stock Form—State Publishing Co., Helena, Montana—1921 — No. 3

File No. ..... T. 2 R. 61

DUPLICATE County Fallon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

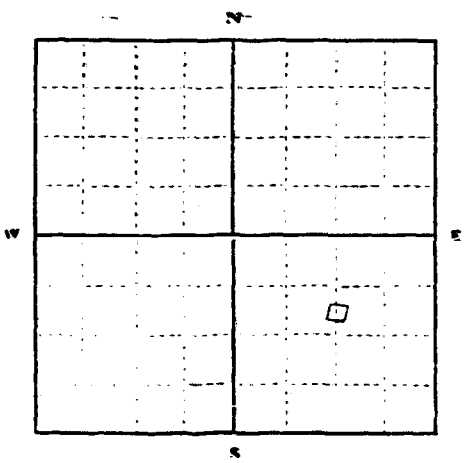
RECEIVED NOV 27 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Henry Logar (Name of Appropriator), of Baker, Montana (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:



C ¼ SE Sec. 1 T. 2 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 well

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) XXX 3 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

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
June 2 thru June 7, 1960

8. The depth of water table 80-85', 110 - 125'

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
Rotary drilled - 4" Casing 138'

10. The estimated amount of groundwater withdrawn each year 388,800 gal.

11. The log of formations encountered in the drilling of each well if available
XXXXXXXXXXXXXXXX, 0-1 top soil, 1-16 sandy clay, 16-17 gravel, 17-45 clay, 45-46 sandy clay, 46-50 clay, 50-53 sand, 53-80 clay, 80-85 water, 85-110 clay 110-125 sand, 125-138 clay

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 Henry Logar
Date November 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.

138608

FILED
at 1:35 O'CLOCK P M.
NOV 26 1963
R. R. Thurmond
County Clerk & Recorder
Deputy

G

Approved State Form—State Publishing Co., Helena, Montana—42234

File No.

T 2N R 61E

DUPLICATE

County Fallon

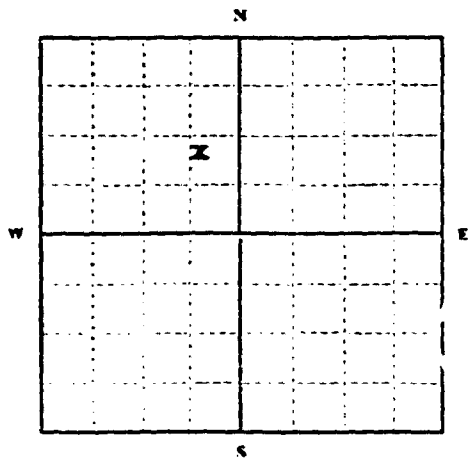
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, JAKE SIPMA (Name of Appropriator), of (Address) Baker (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 ¼ NW Sec. 2 T. 2N 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 Stockwatering and household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957 and in continuouse ~~xxxxxx~~ use since that time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 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 for irregation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Jet pump with elec motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilled in summer of 1957 by Ed Paulson, well driller and placed in production immediately and been use since then

8. The depth of water table 27½ feet when first drilled, but now has dropped to about 50 feet from the 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 to a depth 85 feet, cased with 10 inch diameter steel casing, equipped with a jet pump operated with an electric motor

10. The estimated amount of groundwater withdrawn each year 110,000 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 Jake Sipma

Date December 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.

14388

139248

FILED

at 2:00 o'clock P M.

DEC 26 1963

County Clerk & Recorder

Deputy

10

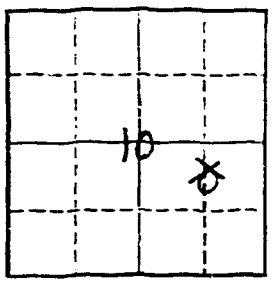
T 24 R 61E

County FALLON

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG



Owner Henry ~~Logan~~ LOGAR Address BAKER

Driller Henry Brunt Address Ekalaka

Date Started May 21 1964 Date Completed June 5

Location: Sec. 10 T 24 R 61E ¼ sec. N² SE⁴

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: .....

Casing: 0 ft. to 160 ft. Type steel casing Size 6"

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

Perforated or Screened: Ft. 42 to ft. ..... Ft. ..... to ft. .....

Type of screen or perforations Lowell shoe

Static Water level, for non-flowing well: 125 feet.

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

Pumping water level 125 feet at 6 gal. per min.

How tested: bailing

Length of test 2 hours

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	16	yellow sand
16	46	light shale
46	56	dark shale
56	60	light shale
60	65	coal
65	100	water only 2 gal per minute
100	105	coal
105	135	light shale
135	146	blue shale
146	160	Water sand

FILED
at 4:10 o'Clock P M
JUN 20 1984
County Clerk & Recorder
Deputy

132031

GW 2

Approved Stock Form—State Publishing Co. Helena, Montana—3M

File No. .....

DUPLICATE

T 2 N R 11 E

County Fallon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 10 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Frances or Henry Logan Address Baker Mont.

Driller Henry Brant Address Ekalaka Mont.

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

Date well started Sept 19-63 Date Completed Sept 20-63

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

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

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

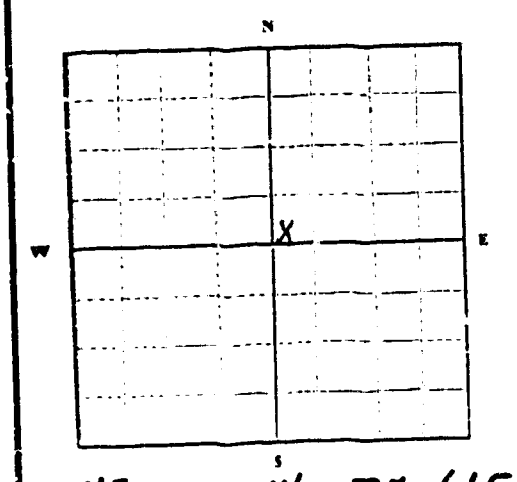
Top of Ground

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

0 to 3 ft Top Soil
3 to 33 ft yellow Sand
33 to 60 ft Dark Shale
60 to 71 ft Coal
71 to 80 ft Gray Shale
80 to 140 ft Sandrock (Water)

140 ft

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
5½ inch	11 lbs 4 in O.D.	1 ft above ground	140	Round Holes 4 in	98	140



NE ¼ Sec. 14 T. 21 R. 61E

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 ..... feet.

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

Pumping Water Level 14 feet at 30 gal. per minute.

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

How Tested Bailer Length of Test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) Well is gravel packed to prevent sand from entering well. Casing is taped 17 ft from top of one inch plastic pipe and ditched out below well, and flows 3 gals per min.

#66
Driller's License Number

Henry Brant
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 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.

138442

FILED
at 4.00 o'clock P. M.
OCT 9 1963
County Clerk and Recorder
Deputy

G

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No. .....

T. 2 R. 61

DUPLICATE

County Fallon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

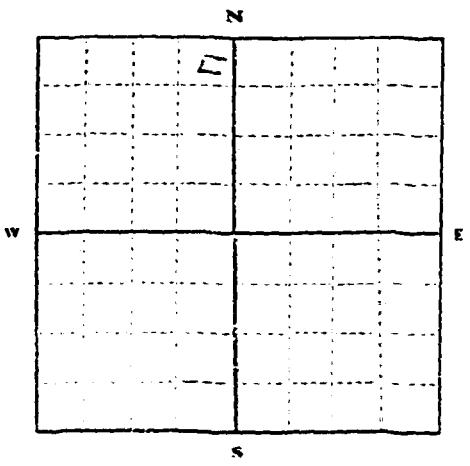
RECEIVED NOV 27 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Frances Loger (Name of Appropriator), of Baker, Montana (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 ¼ NW Sec. 14 T. 2 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 water well

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 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

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 Nov. 1 thru Nov. 10, 1948

8. The depth of water table 27'

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 2' culvert

10. The estimated amount of groundwater withdrawn each year 3600 gal.

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

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 Frances Loger

Date November 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.

11547

138811

FILED
at 2:10 o'clock P.M.
NOV 26 1963
J. R. Stevens
County Clerk & Recorder
Deputy