Form No. 18
8-60

After 10 days return to
COUNTY CLERK & RECORDER
P. O. Box 686
ROUNDUP, MONTANA

18

T. 8 R. 27

County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 6 1961
STATE ENGINEER

WATER WELL LOG

Owner LAWRENCE L. TRUDEAU Address 266 ROUNDUP

Driller LAWRENCE L. TRUDEAU Address 266 ROUNDUP

Date Started 5-24-1961 Date Completed 5-27-1961

Location: Sec. 18 T. 27 (8) R. 8 (27) ¼ sec. N½ N½

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

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

Casing: 65' ft. to 65' ft. Type NEW 16 gage Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 55 to ft. 65. Ft. to ft.

Type of screen or perforations Perforated by CUTTING SLOTS

Static Water level, for non-flowing well: 32' FROM TOP feet.

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

Pumping water level 32' feet at 15 gal. per min.

How tested: BY BALING

Length of test I BALED UNTIL ALL I COULD BRING UP WAS 15 gallons IN AT A TIME IT TAKES A MINUTE TO PUT IT DOWN & BRING IT UP

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'	Top Soil
16	41	SAND Rock
41	51	SHALE
51	59	Clay.
59	60	Rock
60	65	WATER SAND

GW 3

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

18

File No.....

T. 8 N R. 27 E

DUPLICATE

County Musselshell

RECEIVED JAN 3 1964 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater unknown

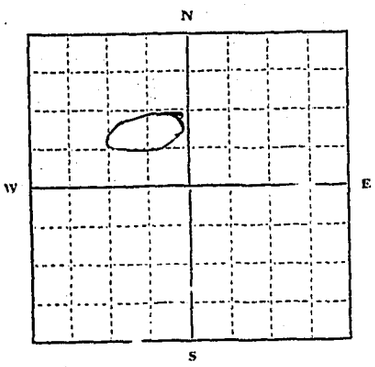
Owner Lawrence Trudeau Address Box 266 Roundup

Contractor (if any) Dug by owner

Address of Contractor .....

Date Started 1960 Date Completed Aug. 1962

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable Electric Pump The spring is 6 ft deep 12 ft wide, 100 ft long



N.E. ¼ N.E. ¼ Sec. 18 T. 8 R. 27

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 always in use

Signature of Owner Mrs Lawrence Trudeau

Date Dec. 31, 1963

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

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

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

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

20625

169781

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 31 DAY OF
Dec A. D. 19 63
AT 5:28 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Frances L Dawson
DEPUTY

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199 3

19

File No.....

T. 8 N. R. 27

DUPLICATE

County.....

RECEIVED
JAN 3 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater April 1, 1960

Owner Russell Churchill Address Roundup, Mont

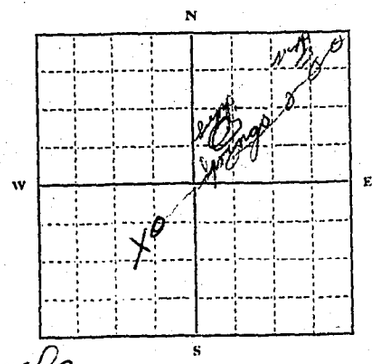
Contractor (if any) .....

Address of Contractor none

Date Started unknown Date Completed unknown

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 6 ft.

4 Inch Sprinkler System.



NWSE ¼ Sec. 19 T. 8 R. 27

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. 6 hr. per day

for appx 20 days. when growth conditions warrant

Signature of Owner Russell Churchill

Date Dec 31, 1963

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

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

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

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

20502

169656

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF
December A. D. 19 63
AT 12:10 O'CLOCK P. M.

N. H. MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY

2 00

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

8N 27E 19

County MUSSELSHELL

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 NIELS BRUUN-ANDERSEN

Address DELPHIA STAR RT
ROUNDUP MONT.

Date well started EXISTING NEVER RECORDED
completed

For Administrator's Use	
File	185809
	June 28, 1973
GW 1	10:30 A.M.

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

Equipment used UNKNOWN
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

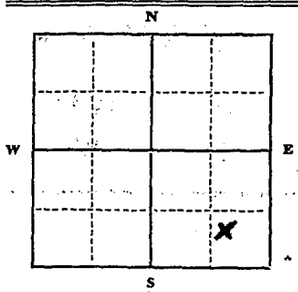
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 10.000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
	2"	150'	DEEP	UNKNOWN		



SE ¼ SE ¼ Sec. 19
T. 8 N R. 27 E

Static water level 110' ft.*
Pumping water level UNKNOWN ft.*
at 6 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by
for hours.
Power Pump HAND 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.

OWNER
Driller's Signature

Driller's Address DELPHIA STAR RT.
ROUNDUP MONT. LICENSE NO.

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) 3300 PROX

From (Feet)	To (Feet)	
		OLD UNKNOWN EXISTING WELL

UNKNOWN Show exact depth of bottom

54,366

185809

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 28th DAY OF
June A. D. 19 23
AT 10:30 O'CLOCK A M.

CLAUDE F. FLETCHER
COUNTY RECORDER

Lucia Stevens
DEPUTY

20

10.00

X

ORD TO BALANCE
UNKNOWN

8N 27E 19

County Musselshell

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED

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 NIELS BRUUN-ANDERSEN

Address DELPHIA STAR RT ROUNDUP MONT

Date well started EXISTING

completed NO RECORD OF RECORDING

For Administrator's Use	
File	185810
	June 28, 1923
GW 1	10:32 a.m.

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

Equipment used UNKNOWN (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

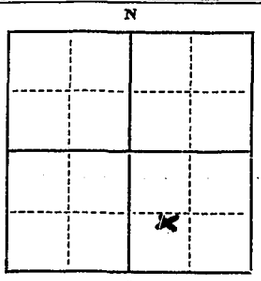
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 10.000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
	2"	APPROX 125'		UNKNOWN		



SE ¼ SW ¼ Sec. 19
T. 8 N. R. 27 E.

Static water level 75' ft.*
Pumping water level UNKNOWN ft.*
at 8 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by
for hours.
Power Pump 1/3 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.

OWNERS Driller's Signature

Driller's Address DELPHIA STAR RT ROUNDUP, MONT.

LICENSE NO.

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) 3300 APPROX.

From (Feet)	To (Feet)	
		UNKNOWN AS WELL IS OLD EXISTING AND MAY BE DEVELOPED BEFORE COUNTY RECORDS WERE KEPT.

UNKNOWN Show exact depth of bottom

54366

185810

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

FILED THIS 28th DAY OF
June A. D. 19 73
AT 10:30 O'CLOCK A. M.

CLAUDE F. FLETCHER
COUNTY CLERK AND RECORDER

Lucille Steven
DEPUTY

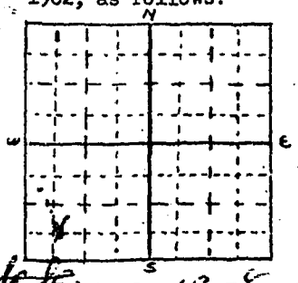
GW 4

T. 8N ... R. 27 E. 19
County Roosevelt

State of Montana
Administrator of groundwater Code
Office of State Engineer

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

1. Russell Churchill, of Poplar
(Name of Appropriator) (Address) (Town)
County of Roosevelt State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec 19 T 8 R 75
SWSW
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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 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 pump, windmill, flow

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

8. The depth of water table 45 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 groundwal of groundwater
4 inch, 60 ft, 1½ in pipe

10. The estimated amount of groundwater withdrawn each year. 40,000

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 count record

Signature of Owner Russell Churchill
Date Dec. 31, 1963

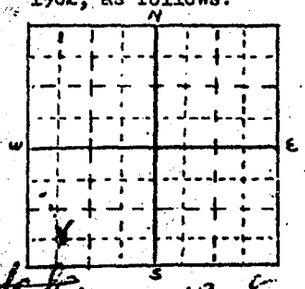
GM 4

T. 8N ... R. 27 E
County Musselshell

State of Montana
Administrator of groundwater Code
Office of State Engineer

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

1. Russell Churchill, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec 19 T 8 R 27
SWSW

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

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

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

8. The depth of water table 4 ft. 5 in.

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. No. 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 count record

Signature of Owner Russell Churchill

Date Dec. 31, 1963

STATE OF MONTANA)ss

County of Musselshell)

Russell Churchill .....having first been duly sworn, depos~~e~~ and say.....that ...he. ~~is~~ of lawful age and..... ~~he~~ ....the appropriator and claimant.....of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person.....whose name.... ~~is~~ .....subscribed thereto, as the appropriator.....and claimant....., that ....he. ~~has~~ know.. ..... the contents of said foregoing notice and that the matters and things therein stated are true.

Russell Churchill

.....

Subscribed and sworn to before me, this ...31.....day of December, 19.63.....

B. H. MATZKE Clerk and Recorder
Musselshell County, Montana

Frances L. Lawson Deputy

6426 169658

STATE OF MONTANA, }ss
MUSSELSHELL COUNTY.}

FILED THIS 31 DAY OF December A.D. 19 63
AT 12:14 P.M.
B. H. MATZKE
COUNTY RECORDER
Frances L. Lawson
DEPUTY
2.00

GW 4

19

T. 8N. R. 27E
County Musselshell

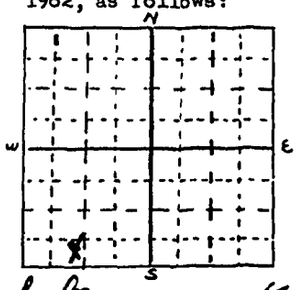
State of Montana
Administrator of groundwater Code
Office of State Engineer

JAN 3 1964

STATE ENGINEER

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

1. Russell Churchill, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. Sec. Sec. 19 T. 8 R 27

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

2. The beneficial use on which the clain is based Stock

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

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump pump Jack 7 Elec motor

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

8. The depth of water table 40 to 50 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 groundwal of groundwater
4 Inch Casing 1½ in pipe

10. The estimated amount of groundwater withdrawn each year 40,000

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 count record

Signature of Owner Russell Churchill

Date Dec 31, 1963

20504

169658

STATE OF MONTANA, }ss.
JUSSELSHELL COUNTY, }

FILED THIS 31 DAY OF
December A. D. 19 63
AT 12:14 O'CLOCK P M.

E. H. MATZKE
COUNTY RECORDER

Francis L. Dawson
DEPUTY

2 ed

20

GW 4

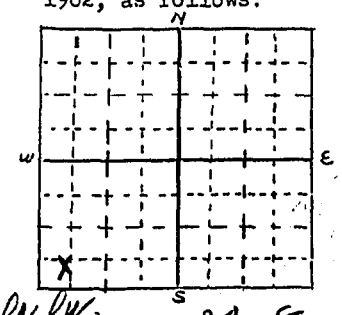
T. 8 N. R. 27 E.
County Musselshell

State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 3 1964
STATE ENGINEER

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

1. Russell Churchill, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW SW ¼ Sec 20 T 8 R 27 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. House + Stock

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

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

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 + pressure tank

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

8. The depth of water table 40 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 groundwal of groundwater
6 Inch Casing 1 ¼ pipe

10. The estimated amount of groundwater withdrawn each year 100,000 Gal.

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 count record

Signature of Owner Russell Churchill
Date Dec. 31, 1963

20500

169654

STATE OF MONTANA, }ss.
MUSSELSHELL COUNTY.}

FILED THIS 31 DAY OF
December A. D. 19 63
AT 12:06 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY

2 00

Form No. 18
8-60

T. 8 R. 27

County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Goffena Ranch & Livestock Co Address Roundup, Montana

Driller Joe Peters Address Roundup, Montana

Date Started 1953 Date Completed 1953

Location: Sec. 22 T. 8 R. 27 ¼ sec. NW¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other

Casing: 0 ft. to 392 ft. Type galvanized Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 340 to ft. 392 . Ft. to ft.

Type of screen or perforations slot

Static Water level, for non-flowing well: 90 feet.

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

Pumping water level 3000 feet at two gal. per min.

How tested: baling

Length of test

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

gravel

(over)

Log of Well

Depth, feet From	To	Description of Material Drilled
0	3	Dirt
3	14	Brown sand rock
14	15	Coal
15	23	Gray sandy shale
23	25	Rock
25	34	Blue shale
34	43	very hard brown sand rock
43	50	gray sandstone
50	85	gummy blue shale
85	135	hard gummy blue shale
135	138	rock
138	155	gray sandy shale
155	158	rock
158	203	gray sandy shale
		Hit water at 190 feet - 2 gal per minute
203	215	Blue shale
215	257	Gray sandy shale
297	310	brown sand stone
310	352	gray sandy shale - Hit more water - ½ gal. per min.
352	359	rock
359	370	gray sandy shale
	392	6" galv. casing

STATE OF MONTANA, ss.
MISSOULA COUNTY
FILED THIS 2 DAY OF
A.D. 19
AT 1:24 O'CLOCK P.M.
B. H. MATZLE
COUNTY RECORDER
DEPUTY

165061

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42329

STATE WATER CONSERVATION BOARD

FEB 16 1966

File No.....

T. 8 N R. 27 23

DUPLICATE

County Musselshell

Billio..... McDermott.....
LOG ..... McNulty.....
Co ..... Morton.....
Dorinton..... Sullivan.....
Dickert.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Goffena Ranch Address Roundup, Mont

Driller P. L. Ferguson Address Roundup, Mont

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

Date well started Dec 30-1965 Date completed Dec 30-1965

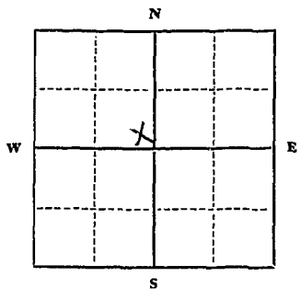
Type of well drilled (Dug, Driven, bored or drilled) Equipment used Churn (Churn drill, rotary or other)

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

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)
7 1/4"	5 5/8 OD 14 lb	0	202	slot	164	200

0	
15	surface
35	sandstone hard
75	Light blue shale
104	hard sandy shale
135	sand-hard-tight
167	sand Porous
186	Hard Sandy shale
197	Sand-Porous-Hole 60 gal. per. min
202	Light Green shale
202	Show exact depth of bottom.



SE ¼ NW Sec 23 T. 8 R. 27

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

Static Water Level for non-flowing well 117 feet.

Shut-in Pressure for Flowing Well Not applied

Pumping Water Level 180 feet at 60 gal. per minute.

Discharge in gal. per min. of flowing well does not apply

How Tested Bailing

Length of Test 1 Hr

Remarks: (Gravel packing, cementing, packers, type of shutoff) Cased not lower H2O with bailer Set Casing Catches at 114 ft

(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).

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.

34
Driller's License Number

P. L. Ferguson
Driller's Signature

40842

173558

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 15 DAY OF
February A. D. 19 66
AT 4:20 O'CLOCK P M.

CLAUDE F. FLETCHER
COUNTY RECORDER

Frances L Dawson
DEPUTY

2.

G—Helena Independent Record

File No. .....

DUPLICATE

T. 8 N R. 27 E

County Musselshell

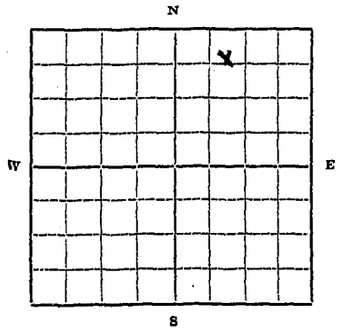
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 11 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Bilyeu (Name of Appropriator), of Roundup (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ¼ NE Sec. 24 T. 8 R. 27

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 Do not know but is used continually

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Do not know

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

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 Do not know

8. The depth of water table Do not know

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 casing, and 330 ft. deep

10. The estimated amount of groundwater withdrawn each year 100000 gallon a 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 None

Signature of Owner John Bilyeu

Date Dec. 10, 1963

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

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

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

8581

169121

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY.

FILED THIS 10 DAY OF
Dec. A. D. 19 63
AT 4:00 O'CLOCK P.M.

B. E. MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY

2.00

G —Helena Independent Record

File No.....

DUPLICATE

T. 8 N R. 27 E 24

County Musselshell

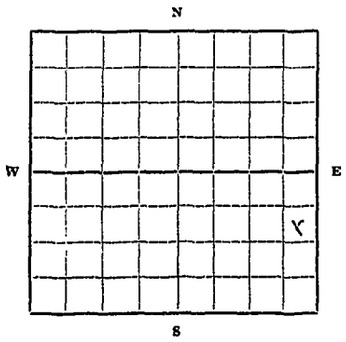
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 11 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Bilyeu, of Roundup,
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ SE Sec. 24 T. 8 R. 27

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 Do not know

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Do not know

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

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 Do not know

8. The depth of water table Do not know

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 casing and 250 ft. deep

10. The estimated amount of groundwater withdrawn each year 175000 gallons a 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 None

Signature of Owner John Bilyeu

Date Dec. 10, 1963

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

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

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

8575

169115

STATE OF MONTANA }ss
MUSSELSHELL COUNTY }

FILED THIS 10 DAY OF
Dec A.D. 63
AT 3:52 O'CLOCK P.M.

B. H. MATZKE
COUNTY RECORDER

Elaine J. Gossman
DEPUTY

$2.00

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

File No.....

T. 8 N R. 27 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 8 1964 STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1900

Owner Dave Wall Address Roundup, Mont.

Contractor (if any) None

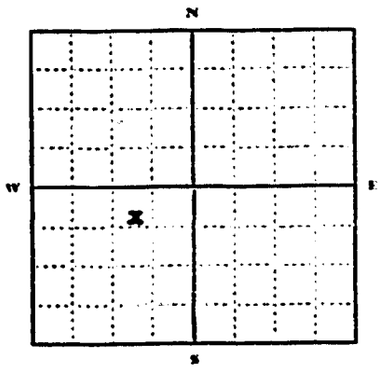
Address of Contractor

Date Started Date Completed

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

Natural Flow

0 to 20' deep approximatly 10' wide



NE ¼ SW Sec. 26 T. 8 R. 27

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

continuous

Signature of Owner [signature]

Date 1-7-64

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.

27105

169862

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 7 DAY OF
Jan A. D. 19 64
AT 4:17 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Elaine J. Grossman
DEPUTY

$2.00

GW 4

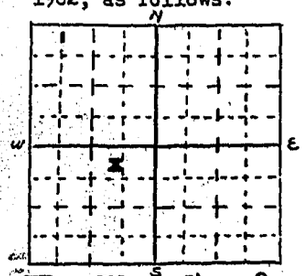
T. 8 N R. 24 E
County

State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 8 1964
STATE ENGINEER

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

1. Dave Wall, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ SW ¼ Sec. 24 T. 8 R. 27

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

2. The beneficial use on which the clain is based
Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900

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

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 ground water Unknown

8. The depth of water table 6' to 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 groundwal of groundwater
6" diam. hole 20' deep

10. The estimated amount of groundwater withdrawn each year unknown

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 count record
None

Signature of Owner Dave Wall

Date 1-7-64

27104

169861

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 7 DAY OF
Jan A. D. 19 64
AT 4:15 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Elaine J. Gosma
DEPUTY

$2.00

RECEIVED
JUL 2 1959
STATE ENGINEER

T. 8 R. 27 25
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Well No. 2

WATER WELL LOG

Owner Tom Weller Address Roundup
Driller Clyde Sanda Address 1141 Mike Ave, Billings
Date Started June 20, 1959 Date Completed June 27, 1959
Location: Sec. 25 T. 8 R. 27 E ¼ sec.

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

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

Casing: 0 ft. to 20 ft. Type black surface Size 8 inch
Casing: 0 ft. to 320 ft. Type galv. Size 6 inch
Casing: ft. to ft. Type Size
Perforated ~~or Screened~~: Ft. 255 to ft. 335 Ft. to ft.
Type of screen or perforations
Static Water level, for non-flowing well: feet.
Shut-in pressure, for flowing well: lb./sq. in. on: (date)
Pumping water level feet at 5 gal. per min.
How tested:
Length of test
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	15	soil
15	130	blue shale
130	195	fine sandy shale
195	230	brown shale
230	335	grey shale

GW 2

File No.....

DUPLICATE Well No. 4.

T. 8 R. ~~28~~ 27 E 25

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED SEP 25 1962 STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

Owner Helen Miller Address Roundup, Mont.

Driller Clyde Lando Address 1141 Mile Ave. Billings, Mont.

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

Date well started 4/23/62 Date Completed 5/3/62

Type of well drilled (dug, driven, bored or drilled) Equipment Used Cable (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)
8 in.	24 lb. 8 in.	0	19½ ft.			
6 in.	6 in. 16 lb. galv.	0	335 ft.	slotted	335	to 95
	Helen Miller					

Static Water Level for non-flowing Well 135 feet.

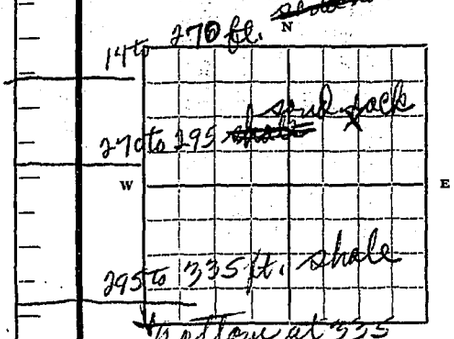
Shut-in Pressure for Flowing Well .....

Pumping Water Level ..... feet at 4 gal. per minute.

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

How Tested bailed Length of Test .....

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) .....



NE ¼ Sec. 25 T. 8 R. 27

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

Show exact depth of bottom.

2
Driller's License Number

Clyde Lando
Driller's Signature

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

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

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

2150

166847

STATE OF MONTANA, }
MUSSELSHELL COUNTY. } ss.

FILED THIS 24 DAY OF
Sept A. D. 19 62
AT 10:51 O'CLOCK M.

B. H. MATZKE
COUNTY RECORDER

DEPUTY

Kofee

G' —Helena Independent Record

File No.....

DUPLICATE

T 8 N R 27 E 26

County Musselshell

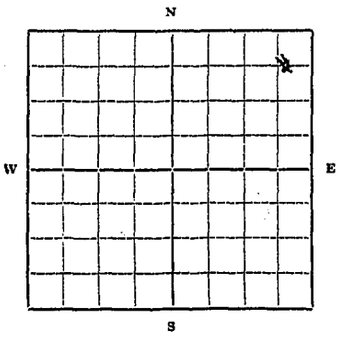
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 11 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Bilyeu, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ NE Sec. 26 T 8 R 27

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 used continually

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Do not know

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

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 Do not know

8. The depth of water table Do not know

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 caing, and 240 ft. deep

10. The estimated amount of groundwater withdrawn each year 150000 gallon a 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 None

Signature of Owner John Bilyeu

Date Dec. 10, 1963

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

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

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

8573

169113

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 10 DAY OF
Dec A. D. 19 63
AT 3:50 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Elaine J. Gessaman
DEPUTY

$2.00

G —Helena Independent Record

File No.....

DUPLICATE

T. 8 N R. 27 E

County Musselshell

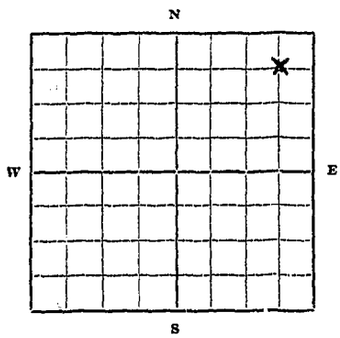
RECEIVED
DEC 11 1963
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Bilyeu, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N E ¼ NE Sec. 27 T. 8 R. 27

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 well

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 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 not

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 It was completed Dec. 9, 1955

8. The depth of water table 300 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 It is a driven well, has 6 inch casing and is 480 feet deep

10. The estimated amount of groundwater withdrawn each year 55000 gallon per year

11. The log of formations encountered in the drilling of each well if available 0-8 Top soil, 8-45 ft. Hard sand rock, 45-60 ft. Sand and a little water, 60-78 ft. Light blue shale, 78-127 ft. Light sandy shale, 127-165 ft. Sand rock, 165-170 ft. Coal vein, 170-205 ft. Light sandy shale, 205-245 ft. Light blue shale, 245-265 ft. Hard sand, 265-285 ft. Sand and shale, 285-308 brown shale, 308-320 Light green shale, 320-382 Sand-water, 382-449 shale, 449-457 sand water 457-467 Sandy shale, 467-480 shale

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 John Bilyeu

Date Dec 10 1963

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

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

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

0582

169122

STATE OF MONTANA, }ss.
MUSSELSHELL COUNTY.}

FILED THIS 10 DAY OF
Dec A. D. 19 63
AT 4:02 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY

2. 00

T. 8 R. 27

County: Musselshell

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: John and Margaret Gebhardt Address: Roundup, Montana

Driller: Lewis G. Robbin Address: same

Date Started: April, 1957 Date Completed: April, 1957

Location: Sec. 26 T. 8 R. 27 ¼ sec. SESW

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

Water use: Domestic [ ] Municipal [ ] Stock [x] Irrigation [ ]

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 52 ft. Type: heavy steel Size: 6 inch

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. 40 to ft. 52 Ft. to ft.

Type of screen or perforations: ½" holes

Static Water level, for non-flowing well: 25 feet.

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

Pumping water level 30 feet at 25 gal. per min.

How tested: bailer

Length of test: hour or more

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

(over)

Form No. 18
8-60

T. [illegible] R. [illegible]

County [illegible]

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner [illegible] Address [illegible]

Driller [illegible] Address [illegible]

Date Started [illegible] Date Completed [illegible]

Location: Sec. [illegible] T. [illegible] R. [illegible] ¼ sec. [illegible]

Type of well [illegible] (Dug, driven, or drilled) Equipment used [illegible] (Churn, drill, rotary, other)

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

Casing: [illegible] ft. to [illegible] ft. Type [illegible] Size [illegible]

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. to ft. [illegible]. Ft. to ft.

Type of screen or perforations [illegible]

Static water level, for non-flowing well: [illegible] feet.

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

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

How tested:

Length of test [illegible]

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

(over)

28

Form No. 18
8-60

T. [illegible] R. [illegible]

County [illegible]

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962
STATE ENGINEER

Water Well Log

Owner [illegible] Address [illegible], Montana

Driller [illegible] Address [illegible]

Date Started [illegible] Date Completed [illegible]

Location: Sec. [illegible] T. [illegible] R. [illegible] ¼ sec. [illegible]

Type of well [illegible] (Dug, driven, or drilled) Equipment used [illegible] (Churn, drill, rotary, other)

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

Casing: 0 ft. to [illegible] ft. Type [illegible] Size [illegible]

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

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

Perforated or screened: Ft. [illegible] to ft. [illegible]. Ft. ____ to ft. ____

Type of screen or perforations [illegible]

Static water level, for non-flowing well: [illegible] feet.

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

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

How tested: ____

Length of test [illegible]

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

(over)

Log of Well

Depth feet		Description of Material Drilled
From	To	
0	12	[illegible]
12	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

28

T. 8 R. 27

County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED JAN 2 1962 STATE ENGINEER

WATER WELL LOG

Owner John and Margaret Gebhart Address Roundup, Montana

Driller Frank Owin Address

Date Started October, 1958 Date Completed Nov. 1958

Location: Sec. 28 T. 8 R. 27 ¼ sec. SWSW

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

Water use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 48 ft. Type heavy spiral Size 8"

Casing: 0 ft. to 132 ft. Type galvanized Size 5"

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 50 to ft. 60 Ft. 165 to ft. 195

Type of screen or perforations ½" holes

Static Water level, for non-flowing well: 40 feet.

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

Pumping water level 60 feet at over 100 gal. per min.

How tested: submersible pressure pump

Length of test 10 hours

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

Also tested with bailer at 45 gal. per minute and found lower water level. Cased off upper water flow, which was hit at about 30 feet; raised down to 40 ft. packed with bentonite.

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	15	soil
15	35	sand rock
	unknown	water
	53	sand rock
	unknown	water
	1.35	rock

4—Helena Independent Record

File No.....

T. 8 N R. 27 E Sec. 28

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

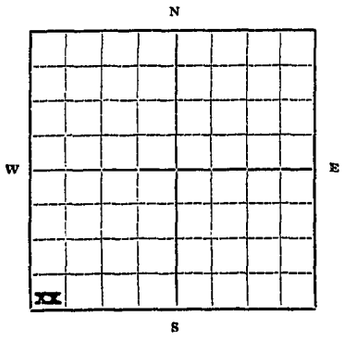
RECEIVED
DEC 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John or Margaret Gebhardt, of Delphia Star Route, Roundup
(Name of Appropriator) (Address) (Town)

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



SW ¼ SW Sec. 28 T. 8 R. 27

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 two wells, used for domestic and stock water, also small irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been one well drilled to replace the use of an abandoned well in 1950; the other in 1953, both used continuously since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well #1 has been pumped continuously day and night at a rate of 10 gpm; #2 about 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 Have been used for irrigating about ½ acre of garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #1 drilled in 1950, is ~~50'~~ 32' deep, has underground flow, like a river; and is cased with 32' 6" galvanized casing. #2 ~~in~~ June 1-5, 1953.

8. The depth of water table #1—30'; #2 44'

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 is 32' deep, 6" casing galvanized, #2 is 64' deep with 6" galvanized casing, perforated from 34' to 64' with ½" perforations

10. The estimated amount of groundwater withdrawn each year one well app. 700,000 gal.; #2 350,000 ga

11. The log of formations encountered in the drilling of each well if available #1 30' soil; 2' watersand rock. #2 20' clay and sand, 20-60 sandstone, 60-64 watersand.

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 Margaret Gebhardt

Date 12-20-63

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.

11693

169288

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 20 DAY OF
Dec A. D. 19 63
AT 3:56 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Elaine J. Gossman
DEPUTY

$2.00

3

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

File No.....

DUPLICATE

Location?

RECEIVED MAR 5 196

T. 8 N R. 27 E 29

County Musselshell

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED DEC 23 1963 STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

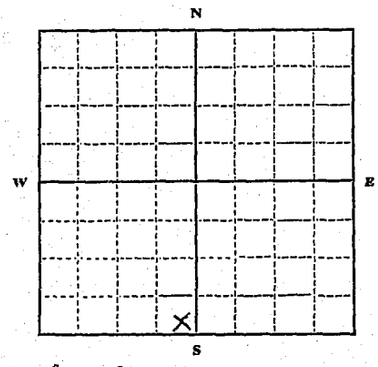
Date of Appropriation of Groundwater unknown—infinity

Owner John or Margaret Gebhardt Address Delphia Star Route Roundup, Montana 59072

Contractor (if any) none

Address of Contractor .....

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



SE ¼ SW Sec. 29 T. 8 R. 27

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. natural water surface spring. Have installed pipe and storage tank

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. absolutely no idea of quantity, but would estimate it runs a 3/8" stream continuously.

Signature of Owner Margaret Gebhardt

Date 12-20-63

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.

11695

169290

STATE OF MONTANA,
MUSSELSHELL COUNTY. } SS.

FILED THIS 20 DAY OF
Dec A. D. 1963
AT 3:58 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Elaine J. Gossner
DEPUTY

$2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—3906.

File No.....

T. 2 N R. 27 E

DUPLICATE

County

RECEIVED
OCT 8 1963
STATE ENGINEER

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)

Top of Ground

(Elev. above sea level app. 3000)

sandy top soil

18 ft

sand and gravel mixed

35 ft

Owner John M. Gebhardt Address Roundup, Mont.

Driller same Address

Date of Notice of Appropriation of Groundwater none

Date well started 9-23-63 Date Completed 9-30-63

Type of well drilled (dug, driven, bored or drilled) Equipment Used cable tool (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)
7"	6 5/8" 8.6 p.L.F	0	105	6" x 1/2" slits	app. 40 ft	app. 35'

water sand

80 ft shale 82 ft

100 ft shale 105 ft

N

E

S

NW/4NE Sec. 29 T. 8 R. 27

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 30 feet.

Shut-in Pressure for Flowing Well none

Pumping Water Level 30 feet at 50 gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested bailed Length of Test half hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) an old well that had gone dry and was deepened from 40 ft. to present depth.

none
Driller's License Number

John M. Gebhardt
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.

6253

168683

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 7th DAY OF
October A. D. 19 63
AT 9:50 O'CLOCK A.M.

B. H. MATZKE
COUNTY RECORDER

Elaine L. Greene
DEPUTY

$2.00

4—Helena Independent Record

File No.....

T. 8 N R. 27 E

29

DUPLICATE

County Musselshell

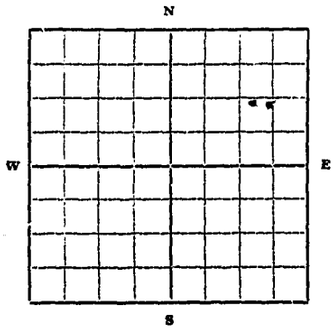
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John or Margaret Gebhardt, of Delphia Star Rte., Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE¼ NE Sec. 29 T. 8 R. 27

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 ordinarily stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1952 Have continuously beneficially used that time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 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 not used for irrigation at this time

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

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

8. The depth of water table 40 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 8-4 ft deep inside with 6" casing, casing with perforations at 24 to 41'

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

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

Signature of Owner Margaret Gebhardt

Date 12-20-63

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.

11692

169287

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 20 DAY OF
Dec A. D. 19 63
AT 3:55 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER
Elaine J. Grossman
DEPUTY

9 2.00

Approved Stock Form—State Publishing Co., Helena, Montana—42234 31

File No.....

T. 8N R. 27E

DUPLICATE

County Musselshell

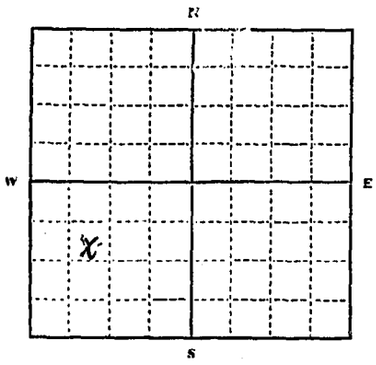
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 3 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Steffans Ranch Co., of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell 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. 8 R. 27

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 Summer and Fall

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 80 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 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 August 1952

8. The depth of water table 40 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Size 8 inch depth 90 feet

10. The estimated amount of groundwater withdrawn each year no record

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 Steffans Ranch Co

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.

20557

169713

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 31 DAY OF
December A. D. 19 63
at 2:50 O'CLOCK P M.

COUNTY RECORDER
Frances L. Dawson
DEPUTY

2.00

4—Helena Independent Record

File No.....

DUPLICATE

T. 8 N R. 27 E 33

County Musselshell

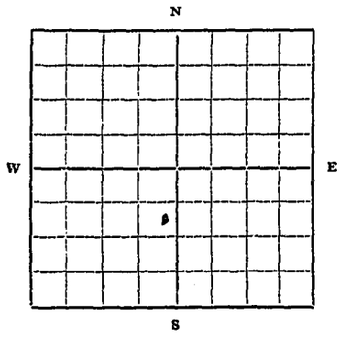
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 23 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John or Margaret Gebhardt, of Delphia Star Rte, Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana 59072
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ SW Sec. 33 T. 8 R. 27

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 used in previous years, but redrilled in 1953 and was beneficially since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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 not used for irrigation at this time.

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

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

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 64' deep cased down to 24' with 10" heavy spiral casing, rock below.

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

11. The log of formations encountered in the drilling of each well if available 30 ft of topsoil hard rock below.

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 Margaret Gebhardt

Date 12-20-63

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.

11694

169289

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 20 DAY OF
Dec A. D. 19 63
AT 3:57 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Elaine J. Gossman
DEPUTY

$2.00

G —Helena Independent Record

File No.....

T. 13 N R. 27 E

33

DUPLICATE

County Musselshell

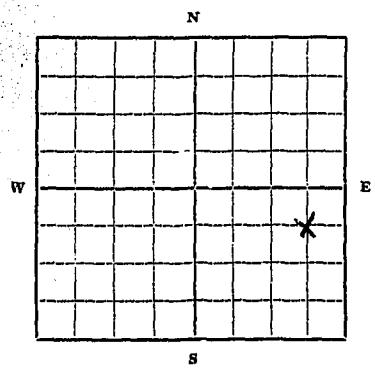
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 11 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Bilyeu, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ SE Sec. 33 T. 8 R. 27

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 Several years ago and is used continuously.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Do not know

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

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 Do not know

8. The depth of water table Do not know

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 casing, and 60 ft. deep.

10. The estimated amount of groundwater withdrawn each year 300000 gallon a year.

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

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 John Bilyeu

Date Dec. 10-1963

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

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

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

8578

169118

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 10 DAY OF
Dec A. D. 19 63
AT 3:56 O'CLOCK P M.
B. H. MATZKE
COUNTY RECORDER.
Elaine J. Gossman
DEPUTY
$2.00

G—Helena Independent Record

File No.....

T. 8 N R. 27 E

DUPLICATE

County Musselshell

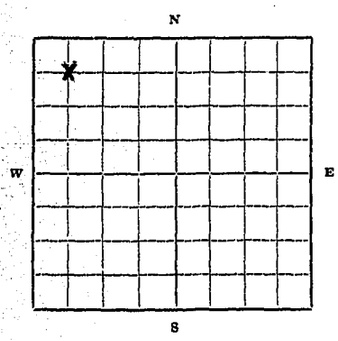
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 11 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Bilyeu, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NWNW¼ Sec. 35 T. 8 R. 27

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 continually

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

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 Years ago

8. The depth of water table 85 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
180 ft. deep, 6 inch casing

10. The estimated amount of groundwater withdrawn each year 125000 gallons a year

11. The log of formations encountered in the drilling of each well if available 1-5 ft. Top soil, 5-24 ft. Clay, 24 to 30 ft. Coarse gravel, 30-47 ft. Shale, 47-50 ft. Coal, 50-110 ft. Hard rock, 110-112 ft. Water sand, 112 to 152 ft Shale, 152 to 163 ft. Water sand, 163-180 ft. Water hard rock

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 John Bilyeu

Date Dec. 10 1-1963

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.

8574

165114

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 10 DAY OF
Dec A. D. 1963
AT 4:51 O'CLOCK P M.

R. H. MATZKE
COUNTY RECORDER

Elaine J. Gassman
DEPUTY

$2.00

GW 2

8N 27E 34

File No.....

T. 8 R. 27

DUPLICATE

County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 11 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner. John Bilyeu Address. Roundup, Mont.

Driller. same Address.

Date of Notice of Appropriation of Groundwater

Date well started. June 13, 1963 Date Completed. Aug. 27, 1963

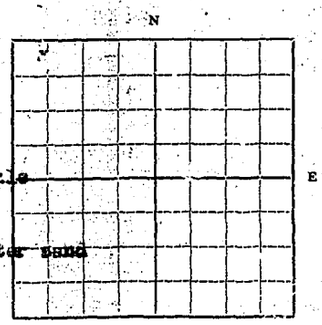
Type of well. drilled (dug, driven, bored or drilled) Equipment Used. cable tool drill (Churn, drill, rotary or other)

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 5/8"	6" 20 gm.	0'	180'	1 line 2 long, 1 line apart. Line shutters	157	16 0'

Top of Ground
5 top soil
(Elev. above sea level 3650)
34 clay
30 gravel (course)
47 shale
50 coal
110 very hard rock
113 water sand
153 shale
163 water sand
180 feet
Show exact depth of bottom.



NW¼ Sec. 34 T. 8 R. 27

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

Static Water Level for non-flowing Well 85 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 112 feet at 3½ gal. per minute.

Discharge in gal, per min. of flowing well

How Tested. bailer & pump Length of Test 24 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) none

none
Driller's License Number

John Bilyeu
Driller's Signature

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

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

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

5825