

100.5

RECEIVED

AMOUNT TO BE PAID
AND DATE WHEN TO BE PAID
RECEIVED BY NO. 100.5

100.5

100.5

100.5

100.5

169851

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 3 DAY OF
January A.D. 1968
AT 3:07 O'CLOCK P.M.
B. H. MATZKE
COUNTY RECORDER
Francis L. Dawson
DEPUTY

100.5

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File No.

T. 9 N. R. 26 E.

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 11, 1935

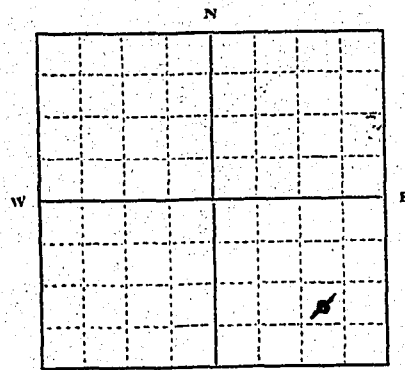
Owner P. S. Reeplog Address Box 296, Roundup, Mont.

Contractor (if any)

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. Following Spring



SE 1/4 Sec. 6 T. 9 R. 26
Indicate point of appropriation
and place of use, if possible.

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

estimate approximate lengths of periods of use. Quantity

unknown, spring flows
year round
500,000 gallons used

Signature of Owner P. S. Reeplog

Date Dec. 28, 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.

26652

169845

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 3 DAY OF
January A. D. 19 64
AT 3:01 O'CLOCK P.M.
R. E. MATZKE

COUNTY RECORDER
Frances L. Dawson
DEPUTY

File No. _____

T. 9N R. 26E

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

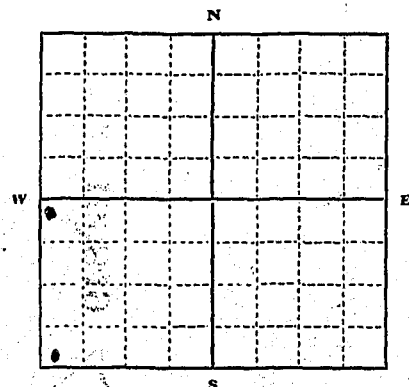
RECEIVED
JAN 7 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. P. S. Reuplog, of Box 296, Roundup
(Name of Appropriator) (Address) (Town)
County of Missoula State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 6 T. 9 R. 26

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

2. The beneficial use on which the claim is based Stock water
and, domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous, May 1, 1916
Oct. 30, 1939
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gallons, minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
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 1916
8. The depth of water table 150 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 170 ft. 6 in casing
10. The estimated amount of groundwater withdrawn each year 250,000 gallons
11. The log of formations encountered in the drilling of each well if available unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Date Dec 28, 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.

26656

EVERETT M.P.

PLATON TO TRATE
KOLA KANAWUCHO TO EORALTEHINDA
KAWICHON ESTATE TO EITEO

attest: *Walter H. Butler* to be certified

200

169849

STATE OF MONTANA, ^(sa)
MUSSELSHELL COUNTY.

FILED THIS 5 DAY OF
January A. D. 1964
AT 3:05 O'CLOCK P.M.

B. H. MATZKE
COUNTY RECORDER
Francis L. Dawson
DEPUTY

Doc. No. 182281
Filed for record
this 17 day of June
File No. A.D. 1971, at 2:50
o'clock P.M.
DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—4232.

T. 9 R. 26

County Musselshell

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

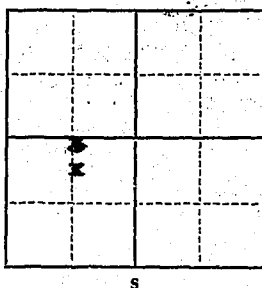
Top of Ground
(Elev. above sea level 3600)
7 Sandy Soil
18 Yellow Sand
24 ~~Blue Shale~~
26 Brown Sand (Water $1\frac{1}{2}$ G.p.m.)
32 Blue Shale
34 Hard Sandrock
35 Coal
42 Shale
48 Hard Grey Sandrock
65 Sandy Shale
72 Fine Grain Sand
95 Grey Sand (Water 65-95 8gpm)
drilled up to 2 gpm
96 Hard Rock
BOTTOM
96 Hard Rock
101 Hard Grey Rock
110 Shale Grey Hard
121 Shale Sandy
142 Sand Grey Course water-
bearing--16 gpm at 100 water
level
146 Shale
BOTTOM

DATE DEEPENED 6-2 to 6-5 1971

Owner Fred Geisler Address Roundup, Montana
Driller Joe Kombol Address Roundup, Montana
Date of Notice of appropriation of groundwater
Date well started 10/26/67 Date completed 11/9/67
Type of well drilled Equipment used churn
(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)
7"	6" I.D.	0--	96	2 1/2" slots	18	24
	8" I.D.	0	7		60	96
Pulled 6 inch 12# I.D. Replaced with 6" I.D. Plastic				1/2 inch holes	4	per ft.
					18	24



Static Water Level for non-flowing well
100 146
feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 80 feet

at 8 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer

Length of Test 1 Hour

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff) Drove 8" casing

into hard sand at 7 feet.

NW 1/4 Sec. 7 T. 9 N. R. 26 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 Addi-
tion).

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 95

Driller's Signature Joe Kombol

48631

182281

STATE OF MONTANA
MUSSELSHELL COUNTY.

FILED THIS 17th DAY OF June A. D. 1921

AT 2:50 O'CLOCK P. M.

CLAUDE F. FLETCHER
COUNTY RECORDER

Shirley D. ...
DEPUTY

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

RECEIVED

June 17 1921

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

1921

June 17

2:50 P. M.

CLAUDE F. FLETCHER

COUNTY RECORDER

DEPUTY

File No.

T. 11N R. 26E

DUPLICATE

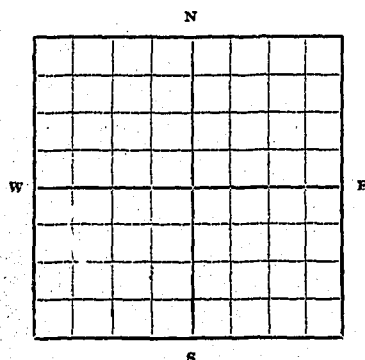
County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
NOV 15 1963
STATE ENGINEER

1. Northern Pacific Railway Company, of St. Paul 1, Minn.
(Name of Appropriator) (Address) (Town)
County of Ramsey State of Minnesota
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 7 T. 11N R. 26E

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 watering livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1951.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 1951.
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 110 feet deep. Six-inch casing.
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 No other information available.

Northern Pacific Railway Co.

Signature of Owner By L. H. Ferguson
Dist. Supvr., Graz. & Cult.

Date

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.

7070

168920

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY.

FILED THIS 14 DAY OF
JAN A. D. 19 63
AT 2:12 O'CLOCK P. M.

B. H. MATZ

COUNTY RECORDER

Glenn J. Gussman
DEPUTY

812.00

OFFICE OF COUNTY ENGINEER

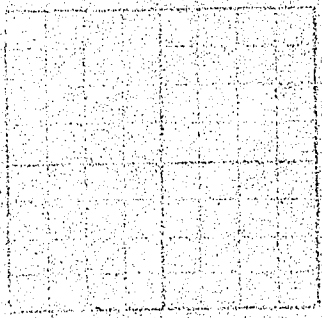
REGISTERED TO CONVEYANCE COPY

STAFF ENGINEER

RECEIVED

JAN 15 1963

STAFF ENGINEER



NOTED BY THE COUNTY ENGINEER

INDEXED BY THE COUNTY ENGINEER

NOTED BY THE COUNTY ENGINEER

INDEXED BY THE COUNTY ENGINEER

NOTED BY THE COUNTY ENGINEER

File No.

DUPLICATE

T. 9N R. 26E

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

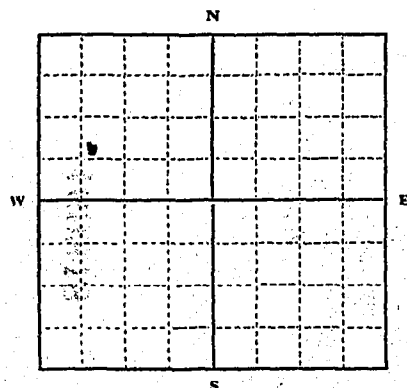
RECEIVED
JAN 7 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. P. S. Reeplog of Box 296, 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:



SW $\frac{1}{4}$ N. 26E Sec. 8 T. 9 R. 26

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 April, 1911
continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 Gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump and windmill and gasoline engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April, 1911
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
180 ft. 5 in casing
10. The estimated amount of groundwater withdrawn each year un known 500,000 gallons
11. The log of formations encountered in the drilling of each well if available
none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
none

Signature of Owner

P. S. Reeplog
Date Dec 28, 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.

26655

0
RECEIVED
JAN 20

SECTION TO THE
ATTORNEY GENERAL
STATE OF MONTANA

DEPARTMENT OF LAND & MINES

STATE OF MONTANA

RECORDED

169848

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 3 DAY OF
January A.D. 1964
AT 3:04 O'CLOCK P.M.
B. H. MATTHE
COUNTY RECORDER
Francis L. Lawrence
DEPUTY
200

200

100

100

100

100

File No. _____

DUPLICATE

T 9 N R 26 E 8

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

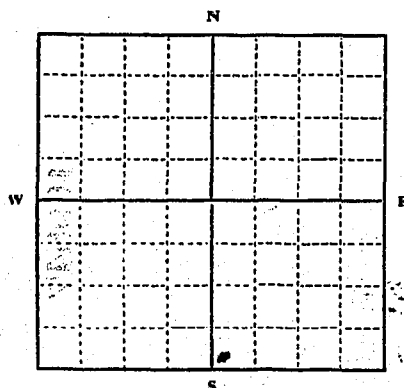
RECEIVED
JAN 7 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. P. S. Reeploeg (Name of Appropriator), of Box 296, Roundup (Address), Mont. (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. 8 T. 9 R. 26

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 June 1917 to Sept. 1957, continuous
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 and windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1917
8. The depth of water table 150 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 185 ft, 6 in casing
10. The estimated amount of groundwater withdrawn each year unknown 500,000 gallons
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner P. S. ReeploegDate Dec. 28, 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.

26654

169847

STATE OF MONTANA }
MUSSELSHELL COUNTY. }

FILED THIS 3 DAY OF

January A. D. 1964
AT 3:03 O'CLOCK P.M.

R. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
3⁰² DEPUTY

File No.

T. 9 N R. 26 E 8

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
OCT 1 1964

STATE ENGINEER

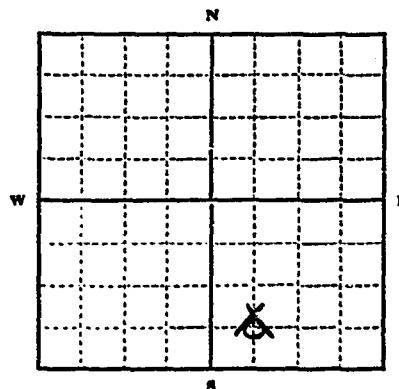
- I, Bureau of Land Management of Drewes 699 Lawistown
(Name of Appropriator) (Address) (Town)
County of Fergus, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
- The beneficial use to which water is to be applied is Stockwater
Not applicable
(describe lands to be benefited, if for irrigation)
- The rate of use in gallons per minute or miner's inches of groundwater claimed 2000 gals./day
@ 5 gals./min.
- The annual period (inclusive dates) of intended use Year long
- The probable or intended date of first beneficial use June 1, 1965
- The probable or intended date of commencement and completion of the well* or wells*
- The location, type, size and depth of well or wells contemplated SW 1/4 Sec. 8, T. 9 N., R. 26 E. A drilled and cased well, 120' deep, 6" casing. Pump well.
- The probable or estimated depth of the water table or artesian aquifer 120'
- Name, address and license number of the driller engaged

10. Give such other similar information as may be useful

in carrying out the policy of this act. Inferred

aquifer is the Fort Union Sandstone.

Water will be used at location for watering
range livestock.



SW 1/4 Sec. 8, T. 9 N., R. 26 E.
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator /s/ Garth M. Colton

District Manager
Date August 13, 1964

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

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

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

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

38525

171399

STATE OF MONTANA
MUSSELSHELL COUNTY

FILED THIS 30 DAY OF
Sept 1949
AT 1 O'CLOCK PM

R. H. MATZKE

COUNTY RECORDER

Clarence J. Jones
DEPUTY

File No.

T. 9.N. R. 26.E 8

DUPLICATE

LOG

Top of Ground

(Elev. above sea level 3,580)

18 gravel - dry
 80 sandstone - Buff
 85 sandstone - H₂O
 125 sandstone - Grey H₂O
 140 shale Grey

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

APR 29 1965

Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

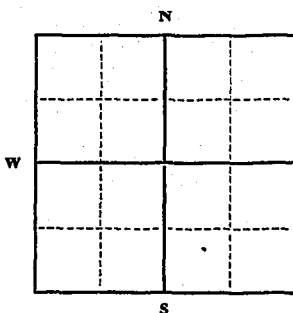
Owner Bureau of Land Mng. Address Leicester, Mont.Driller P. L. Ferguson Address Roundup, Mont.

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

Date well started April 19, 1965 Date completed April 20, 1965Type of well drilled Equipment used Churn
(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)
8 1/4"	6 1/8" L.S.	1	140	1/4" in slot	90'	127'

Static Water Level for non-flowing well 70 feet.Shut-in Pressure for Flowing Well not applicablePumping Water Level 125 feet at 5.4 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BacklogLength of Test 1 hr.

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

SW 1/4 Sec. 8 T. 9.N. R. 26.E
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

3 sacks Cement
rapid production
drilling

(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).

140 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.

34 Driller's License Number

P. L. Ferguson Driller's Signature

39092

172398

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 28 DAY OF

April A. D. 1965

AT 8:39 O'CLOCK a.m.

CLAUDE F. FLETCHER

COUNTY RECORDER

Elaine J. Hansen
DEPUTY

42.00

DEPARTMENT OF REVENUE
DIVISION OF TAXATION
BUREAU OF TAXATION
STATE OF MONTANA
CLAUDE F. FLETCHER
COUNTY RECORDER
MUSSELSHELL COUNTY
APRIL 28 1965
RECEIVED

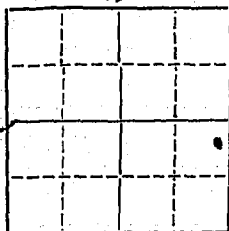
DATE	AMOUNT	REMARKS
APR 28 1965	42.00	FILED

T. 9-9 R. 26
County Muskegon

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG



Owner Kenneth Griffith Address Rumby

Driller Hansen (L. Hansen) Address _____

Date Started Sept 1-1944 Date Completed Sept 29-1944

Location: Sec. 9 T. 9 R. 26 1/4 sec. S.E. quarter

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 123 ft. Type galvanized Size 6"

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

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

Perforated or Screened: Ft. 80 to ft. 123 Ft. _____ to ft. _____

Type of screen or perforations perforated casing

Static Water level, for non-flowing well: 20 feet of the top feet.

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

Pumping water level _____ feet at _____ gal. per min.

How tested: bailed

Length of test (very good well)

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

(over)

File No.

DUPLICATE

T. 9-9 R. 26

County

Muscellshell

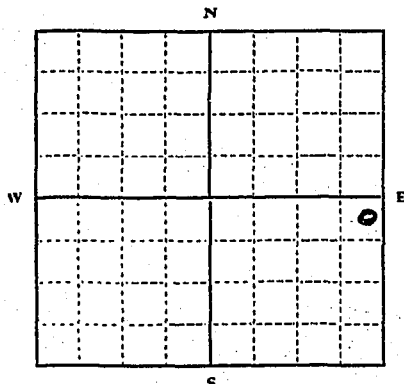
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth Griffith, of Box 625 Roundup
(Name of Appropriator) (Address) (Town)
County of Muscellshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 9 T. 9 R. 26

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 Sept 30 - 1944

4. The amount of groundwater claimed (in miner's inches or gallons per minute) This well has never been
running dry with continuous
pumping

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 water
well pump & windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Date started Sept 1 - 1944
Date completed Sept 29 - 1944

8. The depth of water table water raised to 20 feet of ground
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 perforated to 80 feet deep from bottom
12 3/4 inch casing

10. The estimated amount of groundwater withdrawn each year 300,000 gal per year

11. The log of formations encountered in the drilling of each well if available The driller did
not keep a log on this well. The well was
drilled by Hansen of Lewistown, Montana

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 This has been previously
recorded at Muscellshell County Court house

Signature of Owner Kenneth Griffith

Date 12-30-63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quaduplicate for the Appropriator. 17768

311146

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

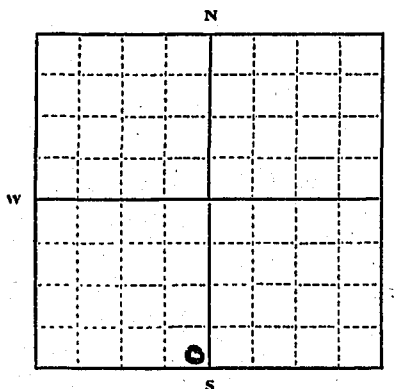
County Musselshell

RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth Griffith, of Box 625 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:



$\frac{1}{4}$ Sec. 10 T. 9 R. 26

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 Sept 22 - 1946
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 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 water well pump & windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Date started Sept 1946
Date completed Sept 22 - 1946
8. The depth of water table 30 feet water raised within 30 ft of ground 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
perforated 60 feet deep - 6 in casing
12.3 feet deep - 6 in casing
perforated 60 feet deep from bottom
10. The estimated amount of groundwater withdrawn each year 275,000
11. The log of formations encountered in the drilling of each well if available The driller did not keep a log on this well. This well was drilled by Fred Carl Elverson.
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. This has been previously recorded at Musselshell County Court House

Signature of Owner Kenneth GriffithDate 12-30-63

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

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

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

1777'

169521

STATE OF MONTANA,
MUSSELSHELL COUNTY.

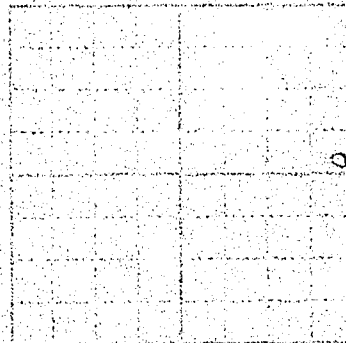
FILED THIS 30 DAY OF
Dec A.D. 1963
AT 1:00 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

\$2.00



RECEIVED
MUSSELSHELL COUNTY
CLERK
DEC 30 1963

1

GW 3

File No.

DUPLICATE

T. 9 N. 26 E. 10
 County Missoula
 JAN 2 1964

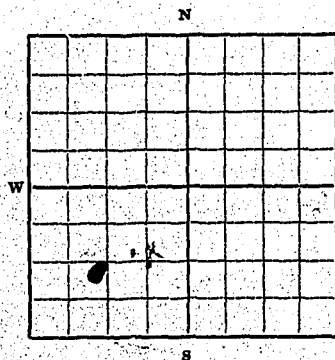
STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater October 10, 1927
 Owner Kenneth Griffith Address Roundup, Mont
 Contractor (if any) Self
 Address of Contractor NONE
 Date Started Oct. 19, 1957 Date Completed enlarged in 5/10/61



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring. It was dug out and dam built below to catch spring & flood waters. Natural spring water depth 4 ft 15 ft deep when filled. Spring used continuous since 1927.
 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 Na

SW $\frac{1}{4}$ Sec. 10 T. 9 R. 26
 Indicate point of appropriation and place of use, if possible.

normally use this 8 months of the year
Spring flows 10 gal. per minute
Water from this spring used for stockwater.
500,000 gallons used each year.
 Signature of Owner Kenneth Griffith
 Date 12/30/63

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

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

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

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

169512

STATE OF MONTANA,
MUSSELSHIELD COUNTY.

FILED THIS 30 DAY OF

Dec 1963
AT 4:44 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

James L. Livan
2.00

T. 9 R. 26 10
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Kenneth Griffith Address Hamden
Driller Oliver (F & C) Address Hamden
Date Started Sept 1956 Date Completed Sept 1956
Location: Sec. 10 T. 9 R. 26 $\frac{1}{4}$ sec. East side of S.W.

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

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

Casing: Octal welded ft. to 123 ft. Type steel well Size 6"

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

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

Perforated or Screened: Ft. 60 to ft. 123 Ft. _____ to ft. _____

Type of screen or perforations perforated casing

Static Water level, for non-flowing well: 50 feet above top feet

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

Pumping water level _____ feet at _____ gal. per min.

How tested: bailed

Length of test: 10 gal. a minute

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

(over)

T. 12 S. R. 6 E. 12
County: Powell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: James L. Smith Address: Kenney

Driller: Plummer (Fred & Carl) Address: Kenney

Date Started: Oct 15 - 1947 Date Completed: Nov 1947

Location: Sec. 12 T. 9 R. 6 1/4 sec. NE 1/4 S. E. Quarter

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

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

Casing: 6 ft. to 180 ft. Type: gal. line Size: 6"

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

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

Perforated or Screened: Ft. 150 to ft. 180 ft to ft. _____

Type of screen or perforations: perforated casing

Static Water level, for non-flowing well: 15 ft. below top feet.

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

Pumping water level _____ feet at _____ gal. per min.

How tested: bailed

Length of test: 290 minutes

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

(over)

T. 9 R. 26 12
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 21 1961

WATER WELL LOG

STATE ENGINEER

		X

Owner Kenneth Griffith Address Roundup, Montana
Driller Joe Kumbol Address Roundup, Montana
Date Started December 5, 1960 Date Completed 12-12-60
Location: Sec. 12 T. 9 R. 26 1/4 sec. NESE 1/4

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

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

Casing: 0 ft. to 144 ft. Type Galvanized Size 6"

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

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

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

Type of screen or perforations 1/2 inch holes from 30 to 60 ft., and 90 to 123 1/2, 1/2", remaining 6" perforated

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

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

Pumping water level 20 feet at 9 gal. per min.

How tested: Bailer

Length of test 1 hour

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

None

(over)

Log of Well

[illegible]

File No.

DUPLICATE

T. 13 - 9 R. 26

County

Muskege

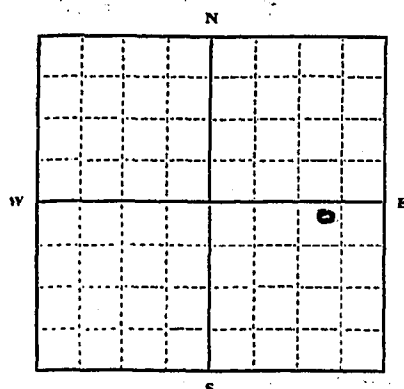
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth Griffith, of Box 625 Roundup
(Name of Appropriator) (Address) (Town)
County of Muskege State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 13 T. 9 R. 26

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 from 14-1947
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 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 well pump & windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Date started Oct 15, 1947
Date Completed Nov 12, 1947
8. The depth of water table water raised within 18 feet of ground 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. 100 feet deep - 6 in casing
perforated 130 feet up from bottom
10. The estimated amount of groundwater withdrawn each year 200,000
11. The log of formations encountered in the drilling of each well if available. The driller did not keep a log on this well. The well was drilled by Fred & Carl Elmore
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. This has been previously recorded at Muskege County Court House

Signature of Owner

Kenneth Griffith

Date

12-30-63

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

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

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

17772

169522

STATE OF MONTANA,
MUSSELSHELL COUNTY.

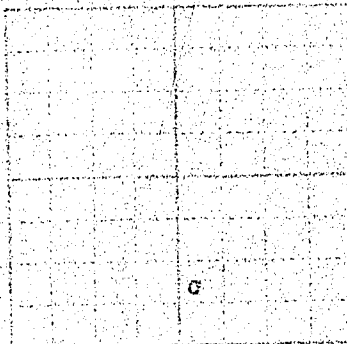
FILED THIS 30 DAY OF

AT 1:01 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson
2.00 DEPUTY



RECORDED
INDEXED
MUSSELSHELL COUNTY
MONTANA
JAN 1 1964
CLERK

Form No. 18
8-60

T. 7 R. 24
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

W. S. H. A. F. O. A.

Water Well Log

STATE ENGINEER

Owner JAMES F BROWN Address Roundup
Driller McConnell Bros. Address Roundup
Date Started June 25 1960 Date Completed July 8 1960
Location: Sec. 16 T. 7 R. 24 $\frac{1}{4}$ sec. SE $\frac{1}{4}$, SE $\frac{1}{4}$

Type of well 11/1 Equipment used 11/1
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other 1

Casing: 0 ft. to 250 ft. Type 11/1 Size 7"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. 270 to ft. 285. Ft. to ft.

Type of screen or perforations 11/1

Static water level, for non-flowing well: 175 feet.

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

Pumping water level 170 feet at 2 gal. per min.

How tested: 11/1

Length of test 11/1

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

(over)

File No.

DUPLICATE

T. 9 N. R. 26 E

County

Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 1st 1937

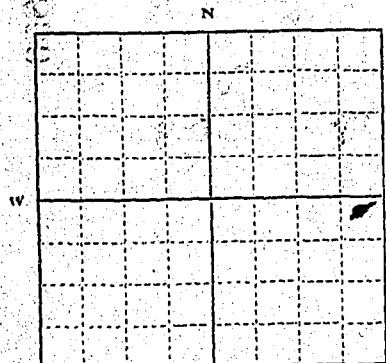
Owner P. S. Reeplog Address

Contractor (if any)

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. Following Spring



N.E. 1/4 Sec. 17 T. 9 R. 26

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. Spring

flows year round, quantity unknown. Period of use, Apr. 15 to Dec. 15 yearly

Signature of Owner P. S. Reeplog

Date Dec. 28, 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.

26657

169850

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 23 DAY OF

January A.D. 1964
AT 2:06 O'CLOCK P.M.

B. H. MATTHEW

COUNTY RECORDER

Francis Dawson
200 DEPUTY

RECORDED
INDEXED
JAN 23 1964
MUSSELSHELL COUNTY

SECTION OF CIVIL ENGINEERING
MUSSELSHELL COUNTY
OFFICE OF THE ENGINEER

REPORT OF THE ENGINEER
ON THE PROGRESS OF THE PROJECT
DURING THE YEAR 1963

DR. 500 E

1000 N. 10th St.

12/1/63

12/1/63

12/1/63

12/1/63

G1

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

File No. _____

T. 9N R. 26E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

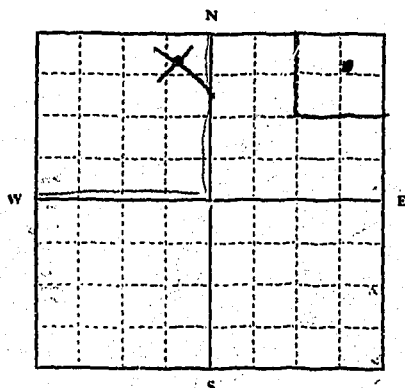
RECEIVED
JAN 7 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. P. B. Reuplog, of 296 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:



N.E. 1/4 Sec. 18, T. 9, R. 26.

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

2. The beneficial use on which the claim is based stock water and domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June, 1945 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 11 Gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
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 June 11, 1945
8. The depth of water table 40 ft. - 70 ft. - and 90 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 12.8 ft. - 3 1/2 in casing
10. The estimated amount of groundwater withdrawn each year ~~unknown~~ 500,000 gallons
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

P. B. Reuplog
Date Dec. 28, 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.

26653

RECEIVED

RECEIVED BY STATE

DEPARTMENT OF REVENUE

RECEIVED BY STATE

RECEIVED BY STATE

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169816

STATE OF MONTANA,
MUSSELSHELL COUNTY, ss.

FILED THIS 3 DAY OF

Jan 3:02 A. D. 1964

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
2:22 DEPUTY

Doc. No. 182282
Filed for record
File No. 17 day of June
A. D. 1971, at 2:53
clock P M.
DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—4232.

T. 9 R. 26
County MISS.

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner FRED GIESLER Address ROUNDUP, MONT.

Driller JOE KOMBOL Address ROUNDUP, MONT.

Date of Notice of appropriation of groundwater NONE

Date well started 10-20-65 Date completed 11-8-65

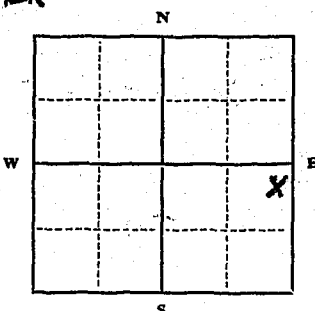
Type of well _____ Equipment used _____
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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)
<u>7 1/2</u>	<u>2 GAUGE GALV.</u>	<u>0</u>	<u>263</u>	<u>FACTORY PER</u>	<u>243</u>	<u>263</u>

Top of Ground
(Elev. above sea level APD. 3600)
25 BROWN SANDY SHALE
40 SAND
55 SAND ROCK
95 SANDY SHALE
115 SHALE
127 SAND STATIC WATER 125
129 SAND
160 SANDY SHALE
164 SAND
170 SANDY SHALE
175 HARD SHALE
195 SANDY SHALE
198 SAND ROCK
205 SANDY SHALE
207 SAND
220 SANDY SHALE
225 SANDY SHALE
229 COAL
238 SANDY SHALE
245 FINE SAND
247 SANDY SHALE
250 SAND ROCK } WATER
259 GRAY SAND
260 SAND ROCK
262 SANDY SHALE
263 COAL
BOTTOM



Static Water Level for non-flowing well 125 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 200 feet

at 3 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BAILER

Length of Test 1 HR

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff) _____

METAL CAVE CATCHER

AT 8'

NE 1/4 Sec. 19 T. 9N R. 26E
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.

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.

95
Driller's License Number

Joe Kombol
Driller's Signature

48632

T. 9 R. 26 24
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAR 28 1961

WATER WELL LOG

STATE ENGINEER

Owner James Kolb Address Roundup Mont
Driller Harold Rogers Address Box 824 To Brosses 1-5
Date Started 3-20-61 Date Completed 3-26-61
Location: Sec. 24 T. 9 R. 26 $\frac{1}{4}$ sec. SW - SE

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

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

Casing: 0 ft. to 222 ft. Type Galvanized Size 6 in

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

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

Perforated or Screened: Ft. 222 to ft. 162 Ft. _____ to ft. _____

Type of screen or perforations regular perforated 6 in casing

Static Water level, for non-flowing well: 175 feet.

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

Pumping water level 200 feet at 5 gal. per min. 5 gal

How tested: Boiler

Length of test 5 hr

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

gravel packing

(over)

Log of Well

[illegible]

27

File No.

T. 9 N R. 26 E

DUPLICATE

County Musselshell

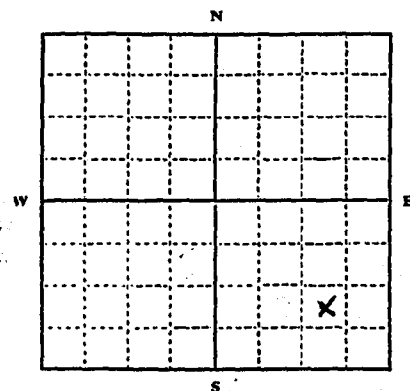
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Joseph W. Hochmuth, of Box 22 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 1/4 Sec 27 T. 9 R. 26

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

2. The beneficial use on which the claim is based
Live Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1914 each year when live stock are in that pasture
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
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Cylinder Pump and windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater we installed another pump in about 1946 and put a windmill on in 1952
8. The depth of water table 18 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, 6 inch and 78 feet
10. The estimated amount of groundwater withdrawn each year enough to water cows from 3 sections
11. The log of formations encountered in the drilling of each well if available
None
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
None

Signature of Owner Joseph W. Hochmuth
Date Dec 31

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.

20490

169645

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.
FILED THIS 31 DAY OF
December A. D. 1963
AT 11:38 O'CLOCK AM
B. H. MATZKE
COUNTY RECORDER
Frances L. Dawson
DEPUTY
200

DEPARTMENT OF AGRICULTURE

OFFICE OF THE
SHERIFF

DEPARTMENT

DEPT. OF

C

Form No. 18
8-60

28

T. 7 R. 26
County MISSOULA

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

X		

Owner JIM HOLLIDAY Address ROUNDUP MONT
Driller JOE KOMBOL Address ROUNDUP MONT
Date Started 7-25-61 Date Completed 8-2-61
Location: Sec. 28 T. 7 R. 26 $\frac{1}{4}$ sec. NE

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

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

Casing: 0 ft. to 267 ft. Type 2" GALV CAL Size 6"

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

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

Perforated or Screened: Ft. 242 to ft. 261 Ft. _____ to ft. _____

Type of screen or perforations FACTORY SCREEN

Static water level, for non-flowing well: 51 feet.

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

Pumping water level 100 feet at 7 gal. per min.

How tested: BAILER

Length of test 1 HOUR

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

(over)

Log of Well

[illegible]

GW 2

File No. _____

DUPLICATE

T. 9 N. E. 26

County Missoula

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 3184)

15 sand rock
80 Light blue shale
170 Sandy shale
175 Sand, H₂O 29 p.m.
195 shale
205 Sand, H₂O 59 p.m.
221 Green shale

Owner Emmis Brown Address Roundup, MontDriller P. L. Ferguson Address Roundup, Mont

Date of Notice of Appropriation of Groundwater _____

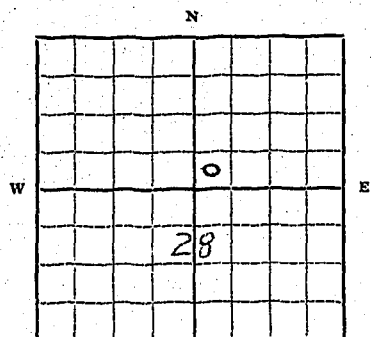
Date well started Mar. 19, 1962 Date Completed Mar. 23, 1962

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
2 in	5'2-14 lb	1	221	6" Touch Cut slots	160	220



S. 1/4 NE Sec 28 T. 9 N. R. 26

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

221

Show exact depth of bottom.

Static Water Level for non-flowing Well 112 feet.Shut-in Pressure for Flowing Well does not applyPumping Water Level 214 feet at 5 gal. per minute.Discharge in gal. per min. of flowing well does not applyHow Tested backing Length of Test 1 hr.

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) _____

stock waterDriller's License Number 34Driller's Signature P. L. Ferguson

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.

39229

[illegible]

File No.

DUPLICATE

T. 9N R. 26E

County. Musselshell

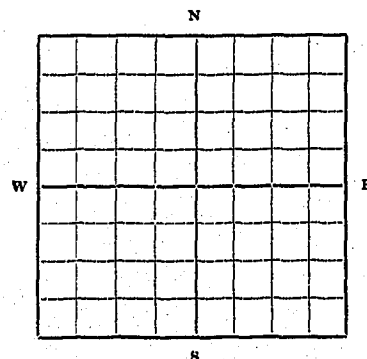
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 15 1963

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

STATE ENGINEER

1. Northern Pacific Railway Company, of St. Paul 1, Minn.
(Name of Appropriator) (Address) (Town)
County of Ramsey State of Minnesota
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4, Sec. 29, T9N, R. 26E

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 watering livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1952.
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 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 1952.
8. The depth of water table 160 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 260 feet deep. Six-inch casing.
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. No other information available.

Northern Pacific Railway Co.

Signature of Owner By [Signature]
Dist. Superintendent of Cult.
Date [Signature]

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.

1071

168921

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

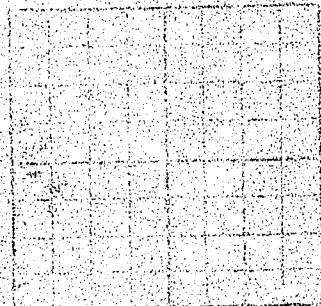
FILED THIS 14 DAY OF
Nov A. D. 1963
AT 2:14 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Elaine J. Gorman
DEPUTY

#2.00

DEPT. OF REVENUE
STATE OF MONTANA
MUSSELSHELL COUNTY
RECEIVED
NOV 14 1963
B H MATZKE
COUNTY RECORDER



File No.

SEP 15 1966

T. 9N R. 26E 31

DUPLICATE

Billie _____ McDermott _____
 Butcher _____ McNulty _____
 Cayle _____ Morton _____
 Darlington _____ Sullivan _____
 Dickert _____

174482

County Musselshell

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

(Under Chapter 237, Montana Session Laws, 1961)

0'-2' Topsoil
 2-15 Lt. Brn. Sandstone
 15-20 yellow Shale
 20-24 Brn. Shale
 24-26 Lt. Gra Sandrock
 26-29 Gra Shale
 29-31 Lt. Gra Sandrock
 31-40 Gra Shale
 40-50 Gra Sandrock
 50-60 Lt. Gra Sandrock
 60-66 Blu-gra Shale
 66-76 Gra Sandstone
 76-85 Gra Sandstone
 85-88 Lt. Gra Soapstone
 88-100 Gra Sandrock

Owner Bureau of Land Management Address Lewistown, Mont.
 Driller Joe Johnson Address Terry, Mont.

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

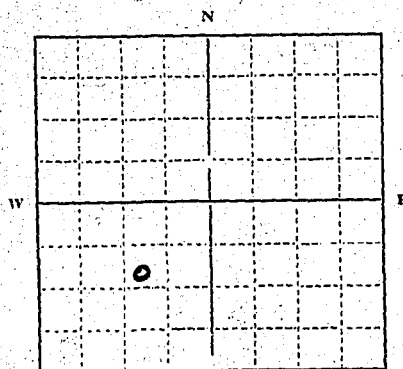
Date well started 6/21/66 Date Completed 6/23/66

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 7/8"	6" I.O. 19.18 #/F	0'	100	Holes 3 1/2"	48"	60'
					85"	95"



NE 1/4 Sec. 31, T. 9N, R. 26E
 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 52 feet.Shut-in Pressure for Flowing Well Not applicablePumping Water Level 70 feet at 10 gal. per minute.Discharge in gal. per min. of flowing well Not applicableHow Tested Bailer Length of Test 2 hr.

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)

Packer at 38' and 65'

154
 Driller's License Number

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.

41,405

STATE OF MONTANA
MUSSELE COUNTY

FILED

Sept 1906

AT 4:40 P.M.

Charles J. Little

CLERK

DEPUTY

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File No.

ORIGINAL

RECEIVED
 COMM. OF MONTANA
 JAN 3 1964

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... 1942

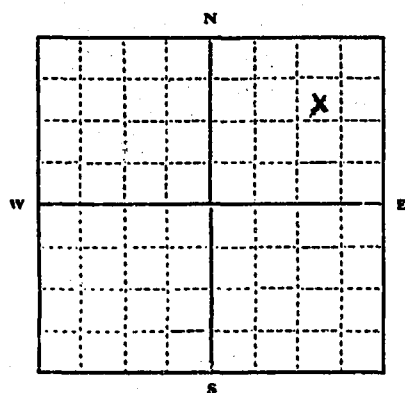
Owner. Joseph W. Hochmuth Address Box 22 Roundup Montana

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. Spring in a ditch



NE 1/4 NE Sec 35 T 9 R 26

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.....

Approximately 1/2 gallon a minute

Signature of Owner Joseph W. Hochmuth

Date Dec 31

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.

20489

169644

STATE OF MONTANA.
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF
December A. D. 19 63
AT 11:36 O'CLOCK A.M.

B. H. MATZKE

Francis L. Dawson
COUNTY RECORDER
DEPT. 67
2nd

Subscribed and sworn to before me, this.....

day of....., 19.....

Notary Public for the State of Montana.

Residing at.....

My Commission expires..... 19.....

GROUNDWATER INDEX

Page 1 of 1

County Musselshell Twp. 9N Rge. 27E

[illegible]

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 **Rynold Wacker**

Address **Roundup, Mont.**

Date well started **July 28, 1972**

completed **August 1, 1972**

Type of well **Drilled**

(Dug, driven, bored or drilled)

Equipment used **Rotary**

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

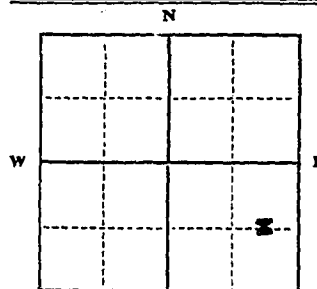
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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)
77/8	6 I.D. Plastic	0	200	slotted	165	195



SE 1/4 SE 1/4 Sec. 2
T. 9 N. R. 27 E

Static water level **160** ft.*
Pumping water level **160** ft.*
at **10** gallons per minute,
measured **3** minutes after pumping
began.
*Measured from ground level.
Well developed by **balling**
for **3** hours.
Power **3** Pump **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.

Driller's Signature **Merle E. Hunt**

Driller's Address **Klein Star Bldg.**

Roundup, Mont. LICENSE NO. **207**

RECEIVED
MAR 5 1973

County **Musselshell**

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	6	topsoil
6	42	brown sandstone
42	89	blue gray shale
89	92	sand 45%
92	94	coal
94	97	sand 50%
97	105	blue gray shale/bentonite
105	109	hard sand tight
109	114	gray blue shale
114	170	blue shale
170	173	coal
173	192	sand
192	200	blue shale & bentonite

200 Show exact depth of bottom

52,537

185204

STATE OF MONTANA, }
MUSSELSHELL COUNTY. } ss.

FILED THIS 22 DAY OF

March A. D. 19 73

AT 1:11 O'CLOCK P. M.

CLAUDE F. FLETCHER

COUNTY RECORDER

James H. Hens

DEPUTY

20

File No.

T. 9N R. 27E
County Musselshell

DUPLICATE

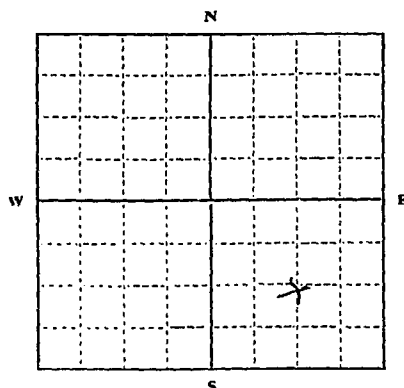
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. R. F. Watsoo, of Delphia
(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:

 $\frac{1}{4}$ Sec. 2 T. 9 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 Watering Cattle in Winter3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951 Watering Cattle Every Winter4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons when drilled5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Gas Engine and Pump7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Fall of 19518. The depth of water table 1809. 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 feet deep and 6 in. casing
Gas Engine and Pump 2 1/2 in. cylinder10. The estimated amount of groundwater withdrawn each year Don't know11. The log of formations encountered in the drilling of each well if available None12. 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 don't have anySignature of Owner R. F. WatsooDate 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.

12363.

169313

STATE OF MONTANA,
MUSSELSHELL COUNTY. }

FILED THIS 23 DAY OF

Dec A. D. 1963

AT 12:12 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

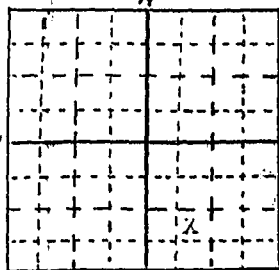
Frances L. Dawson

DEPUTY

2. ⁰⁰

State of Montana
Administrator of groundwater Code
Office of State EngineerDECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Robert... Goffena, Mary E. Goffena, of... Musselshell, Montana...
(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:



2. The beneficial use on which the claim is based.....
.....livestock water.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been ...1955... continuous.....
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....4, gallons.....
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....49.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
.....size & cylinder.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water ...1955.....
8. The depth of water table ,....75'.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
.....6" casing, 180' deep.....
10. The estimated amount of groundwater withdrawn each year...50,000 gallons.....
11. The log of formations encountered in the drilling of each well if available.....
.....not readily 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.

Date Dec 31, 1963

169886

STATE OF MONTANA, }
MUSSELSHELL COUNTY, } ss.

FILED THIS 31 DAY OF

Dec A. D. 19 63

AT 6:18 O'CLOCK P. M.

E. H. MATZKE

COUNTY RECORDER

James L. Dawson
2nd DEPUTY

GW

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

File No.

T. 9 N. R. 27 E. 35

DUPLICATE

County. Musselshell

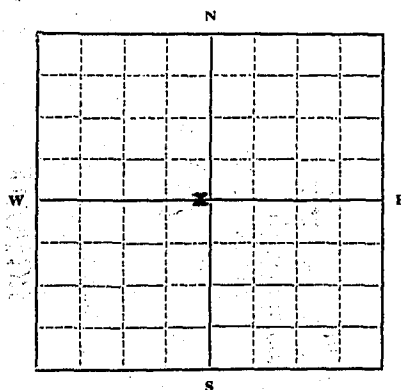
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 25 1962

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Albert C. Beckman of Boundup
(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:



1/4 Sec. 5, T. 9, 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.....
domestic and livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....continuous since May 1951
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....12 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.....
not used for irrigation at present
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Drilled well located very near the center of section 5 as shown on sketch at left.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....Well drilling started and finished in May 1951
8. The depth of water table.....150 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
6" in diameter drilled well, cased with galvanized casing, 295 feet total depth equipped with reciprocating pump.
10. The estimated amount of groundwater withdrawn each year.....365,000 gallons
11. The log of formations encountered in the drilling of each well if available.....
0 - 120 feet Sandstone
120 - 200 feet Blue Shale
200 - 295 feet Blue Shale and 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 A C BeckmanDate June 22-62

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.

166493

STATE OF MONTANA, ^(S)
MUSSELSHELL COUNTY.

FILED THIS 22 DAY OF

June A.D. 1962
AT 9:08 O'CLOCK a M.

B. H. MATZKE

COUNTY RECORDER

Clare J. Gossman
DEPUTY

\$2.00