

File No.

T. 9 R. 30

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1946Appropriator Charley A. Cartwright Address Musselshell, MontanaContractor (if any) noneAddress of Contractor noneDate Started natural spring - 1902Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. natural spring

used water livestock.
Water flows into spring at rate
of 25 gallons per minute

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 Continuously
quantity ~~used~~ used
each year is 1,000,000 gallons

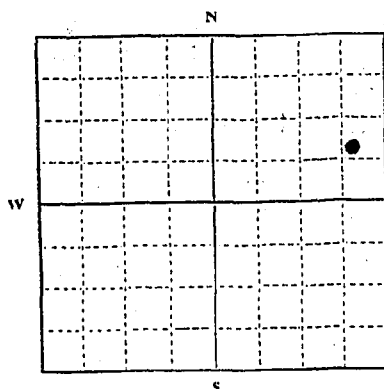
Signature of Owner Charley A. CartwrightDate December 17, 1963

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.



NE 1/4 Sec 27 T. 9 R. 30.

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

169173

STATE OF MONTANA,
MUSSELSHELL COUNTY, }sa

FILED THIS 17 DAY OF Dec
AT 2158 O'CLOCK P M. A. D. 1963

B. H. MATZKE
COUNTY RECORDER
Claring Gossman
DEPUTY

\$2.00

File No.

T. 9 N. 30 R. 30

DUPLICATE

County Musshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 25 - 1954Owner Charley A. Macey Cartwright Address Musshell MontanaContractor (if any) noneAddress of Contractor noneDate Started natural spring since 1902Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. natural spring

~~the amount~~ We water livestock
Water Flows at rate of 25
Gallons per minute

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 Continuously

Quantity measured used
is 1,000,000 Gallons per year

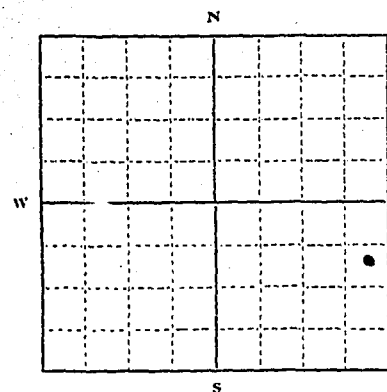
Signature of Owner Charley A. Cartwright
Macey CartwrightDate December 17, 1963

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.

SE 1/4 Sec 27 T. 9 R. 30

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

169174

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 17 DAY OF

Dec A. D. 19 63

AT 3:00 O'CLOCK P. M.

B. H. MATZKE

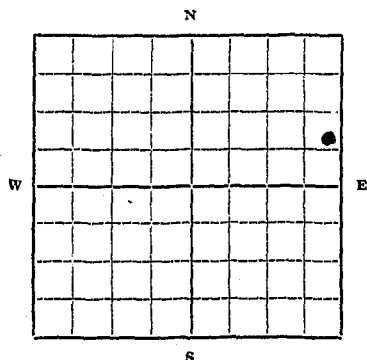
COUNTY RECORDER

Elaine J. Roseman
DEPUTY

2.00

File No.

DUPLICATE

T. 9 N R. 30 E 29
County MusselshellSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERDeclaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)RECEIVED
DEC 18 1963
STATE ENGINEER1. Charley A. or macy C. Cartwright of Box 142 Musselshell
(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 1/4 Sec. 27 T. 9. R. 30

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

2. The beneficial use on which the claim is based Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946
Continuously
for emergency water for Livestock
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 no irrigation
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 1946
8. The depth of water table 50 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
well 100 Feet deep 6 inch casing drilled
10. The estimated amount of groundwater withdrawn each year unknown 365,000 Gallons
11. The log of formations encountered in the drilling of each well if available not Logged
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 records.

Signature of Owner macy C. CartwrightDate December 17 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.

10146

169172

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 17 DAY OF

dec A. D. 1963

AT 2:56 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Gossman
DEPUTY

J. W.

State of Montana
Administrator of groundwater Code
Office of State Engineer

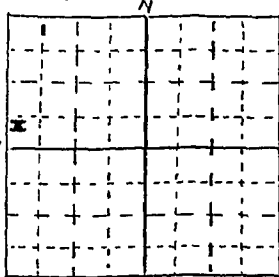
T. 8 N. R. 30 E. 28
County. Musselshell

JAN 3 1964

STATE ENGINEER

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

1. Edward R. Spek of P.O. Box 171, Melstone, 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:



SW 1/4 Sec 9 T. 30 R

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

2. The beneficial use on which the claim is based.....
..... Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been . Spring--1930. Dug Well--1938...
..... Drilled--1945, continual
4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 42 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..... 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 1945
8. The depth of water table 25 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.....
..... Drill. 6" . 110 feet
10. The estimated amount of groundwater withdrawn each year..... 300,000 gallons
11. The log of formations encountered in the drilling of each well if available.....
..... Sandstone and 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 count record.....
.....

Signature of Owner.

Edward R. Spek

Date .December 30, 1963.....

169735

STATE OF MONTANA, ss.
MUSSELSHELL COUNTY, ss.

FILED THIS 31 DAY OF

December A. D. 1963

AT 3:50 O'CLOCK P. M.

E. H. MATZKE

COUNTY RECORDER

Francis L. Dawson

DEPUTY

2⁰²

RECEIVED
MAR 18 1960

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

X			

Owner Edward Spek Address Helena, Montana
 Driller Harvey McConnell Address Roundup, Montana
 Date Started October 6, 1958 Date Completed October 10, 1958
 Location: Sec. 28 T. 9 R. 30 1/4 sec. NW

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

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

Casing: 0 ft. to 102 ft. Type 20 Gauge Size 6 inch

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: _____

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

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

Pumping water level 99 feet at 15 gal. per min.

How tested: bailer

Length of test 2 hrs.

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



(over)

28

T. 9 R. 30
 County Musselshell

GV

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

File No.

T. 9N R. 30

DUPLICATE

County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

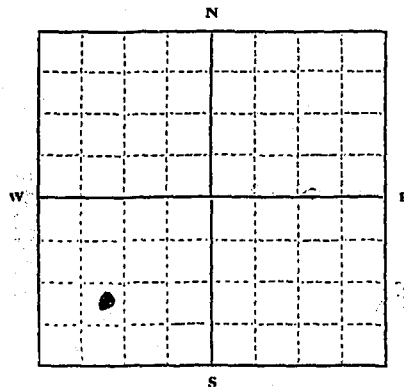
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Lestley Foster, of Melstone
(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 1/4 Sec. 30 T. 9 R. 30

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

2. The beneficial use on which the claim is based Livestock
Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been From June 1956
Continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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 Rocky Pump & windmill + pump Jack & Melstone

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well completed to 180 feet Jan 13 1956 & deepened to 440 feet Nov 1, 1958

8. The depth of water table 80 feet to 440 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 cased well to 365 feet and 4 in casing from 350 feet to 440 feet

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

11. The log of formations encountered in the drilling of each well if available 0 - 55 feet Sand & shale, 55 - 70 feet Water sand, 70 - 165 feet Shale & Coal, 158 - 167 feet water sand, 167 feet - 170 feet Shale, 170 - 175 feet water sand, 175 - 390 feet Shale, 390 - 430 feet water sand, 430 - 440 feet Coal & 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

Signature of Owner Lestley Foster

Date Dec 23, 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.

169304

STATE OF MONTANA, } si
MUSSELSHELL COUNTY. }

FILED THIS 23 DAY OF

Dec A. D. 1963
AT 9:36 O'CLOCK AM

R. H. MATZKE
COUNTY RECORDER

Elaine J. Gossman
DEPUTY
\$2.00

GW

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

32

File No.

T. 9 N. R. 30 E.

DUPLICATE

County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

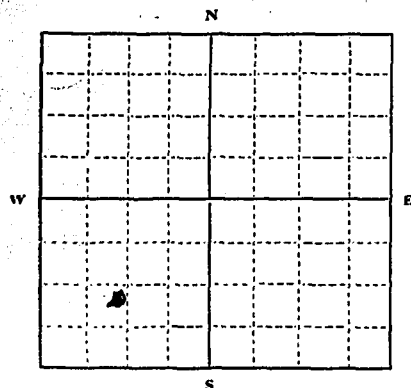
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Lutley Foster, of Melstone
(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 1/4 Sec 32 T. 9 R. 30

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

2. The beneficial use on which the claim is based Line Stake Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been From June 1956 Continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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 Red pump with windmill 3 pumps fully filled by water

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well Completed to 136 feet with 6 in casing Jan 6, 1956

8. The depth of water table 30 feet to 136 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 cased well to 136 feet

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

11. The log of formations encountered in the drilling of each well if available 0-5 feet Surface Soil, 5-15 feet Pore sand, 15-37 feet Yellow Clay, 37-70 feet Pore sand & water, 70-95 feet Pore sand & water, 95-133 feet Pore sand & water, 133-136 feet Clay

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

Signature of Owner Lutley Foster

Date Dec 23, 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.

12351

169308

STATE OF MONTANA,
MUSSELSHELL COUNTY,

FILED THIS 23 DAY OF

AT 9:35 O'CLOCK A.M.

R. H. MATZKE

COUNTY RECORDER

Elaine J. Friedman
DEPUTY

\$2.00

File No.

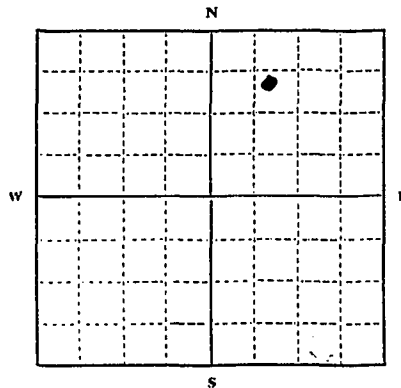
T. 9 N R. 30
County Musselshell

DUPLICATE

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

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Leithy Foster, of Milestone
(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 $\frac{1}{4}$ Sec 32 T. 9 R. 30Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based. Livestock
water
3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been. Used continuously
from 1947
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 8 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 loca-
tion of each well or other means of withdrawal. rod pump
with windmill & as far as possible with
motor

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. Well drilled to 98 feet in 1947, Deepened
to 140 feet in 1958
8. The depth of water table. 32 feet to 140 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. open cased well to 98 feet 4 in
Casing 98 feet to 140 feet
10. The estimated amount of groundwater withdrawn each year. 300,000 gallons
11. The log of formations encountered in the drilling of each well if available. 0 - 10 feet surface
soil 10 - 40 feet shale, 40 feet to 140 feet intermittent
poor water sands & 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

Signature of Owner Leithy Foster
Date Dec 23, 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.

12356

169302

STATE OF MONTANA, ss.
MUSSELSHELL COUNTY.

FILED THIS 23 DAY OF

Dec A. D. 19 63
AT 9:34 O'CLOCK AM

B. H. MATZKE

COUNTY RECORDER

DEPUTY

Handwritten signature: G. J. Gossman
2nd

File No.

T. 9. N. R. 30. E.

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 17 1963

Notice of Completion of Groundwater Appropriation Without Well STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 1, 1942Owner James Fulton Address Fairfield, Wash.Contractor (if any) none natural springAddress of Contractor in creek bottom

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.

a natural spring with
a basin for storage

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. all

year around

Signature of Owner James FultonDate Oct. 16, 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.

168727

STATE OF MONTANA, ss.
MUSSELSHELL COUNTY.

FILED THIS 16 DAY OF

Oct A.D. 19 63

AT 3:53 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Lusk
DEPUTY

82.00

File No.

DUPLICATE

T. 9. N. R. 3. E.

County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

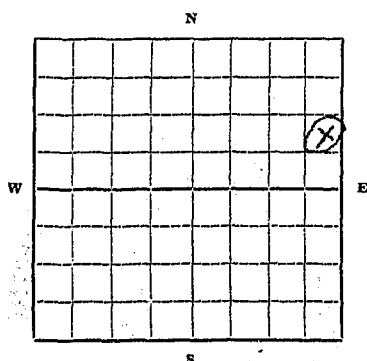
RECEIVED
OCT 17 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. James Fulton of Fairfield (Name of Appropriator) (Address) (Town)
County of Spokane State of Washington
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 N.E. 1/4 Sec. 34, T. 9. N. R. 3. 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 Line

stock & water use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 9-20-1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute) A good well but I don't know the volume

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 For stock water use only

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

By gasoline engine on a pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Date of completion of well 9-20-1955

and has been in continued use since

8. The depth of water table 140 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 6 inch inside measure

galvanized casing

10. The estimated amount of groundwater withdrawn each year I wouldn't know

11. The log of formations encountered in the drilling of each well if available This information is lost and not available

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

Signature of Owner James Fulton

Date Oct. 16, 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.

168730

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 16 DAY OF
October A. D. 19 63
AT 3:59 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Gossamer
DEPUTY

*2.00

GROUNDWATER INDEX

Page / of

County Musselshell Twp. 9N Rge. 31E

[illegible]

File No.

DUPLICATE

T. 9, N. R. 31, E.

County MusselshellRECEIVED
JAN 2 1964STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

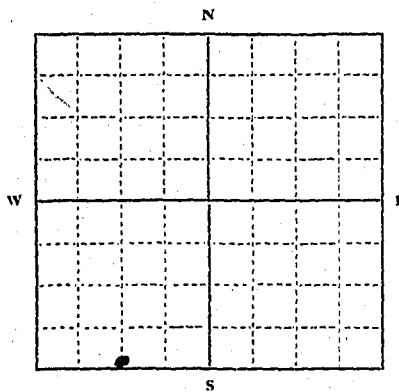
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater ABOUT 1900Owner Morris Jernaway Address Melstone, 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. Natural Flow1' to 20' deep

SW 1/4 Sec. 8 T. 9, N. R. 31, E.

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

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

estimate approximate lengths of periods of use. SEALPER MIN. 365 Days Per YearSignature of Owner Morris JernawayDate Dec 30, 1963

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

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

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

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

169507

STATE OF MONTANA,
MUSSELSHELL COUNTY. } SA

FILED THIS 30 DAY OF

Dec A. D. 1963

AT 12:34 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
2.00 DEPUTY

File No.....

T. 9, N. R. 31, E.

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

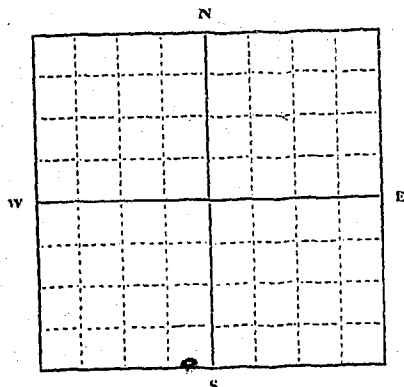
Date of Appropriation of Groundwater About 1900Owner Morris Lemnaway Address Melstone, Mont.

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. NATURAL FLOW TO 20'



S. 1/4, Sec. 17, T. 9, N. R. 31, E.

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

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

estimate approximate lengths of periods of use 5 gal perMin. 365 Days per YearSignature of Owner Morris LemnawayDate Dec 30, 1963

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

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

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

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

169509

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 30 DAY OF

Dec A.D. 19 63
AT 12:38 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

82.00

File No.

MONTANA WATER RESOURCES BOARD

T. 9 R. 31

DUPLICATE

RECEIVEDCounty Musselshell

LOG

DEC 5 1967

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

5' soil
14' shale
20' hard sand
sand
60' shale
85' sand
110 shale
135 sandy bentonite
145 shale
175' sand & bentonite
183 sand
210 shale
215 hard sand
235 shale
245' hard lim & shale
265 shale
280 sand (water)
290 shale

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Morris Jannaway Address Melstone Mont.
Driller Harvey McConnell Address Pearce Mont.

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

Date well started March 28, 1967Date completed April 11, 1967Type of well drilledEquipment used rotary

(Dug, driven, bored or drilled)

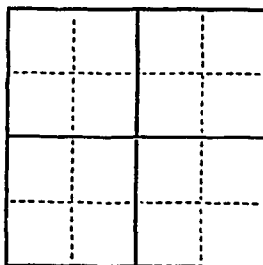
(Churn drill, rotary or other)

Water use:

Domestic ☐Municipal ☐Stock ☒Irrigation ☐Industrial ☐Drainage ☐Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/4"	5" I.D. 17 H per ft	0	292	1/2"	240'	285'



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

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

Pumping Water Level 175' feetat 6 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested bailerLength of Test 3 hrRemarks: (Gravel packing, cementing, packers, type of shutoff) none

SE 1/4 NW 1/4 Sec 18 T. 9 R. 31

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). livestock

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

43
Harvey McConnell
Driller's Signature.

42.636

176245

STATE OF MONTANA
MUSKIEPPEL COUNTY.

FILED THIS 4 DAY OF

AT 1:20 O'CLOCK P.M.

CLAUDE F. FLETCHER
COUNTY RECORDER

Elaine J. [Signature]
DEPT.

\$2.00

RECORDED

176245

File No.

T. 9 N R 31 E

DUPLICATE

County

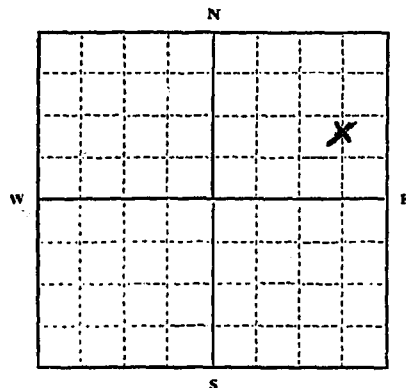
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Carl W. Whitmore, of Box 326 Melstone
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 18 T. 9 R. 31

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. July 1959

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. July 1959

8. The depth of water table. 95 ft. to 98 ft. 3 to 4 ft sand

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 2 1/2 inch casing 125 ft deep 1 1/2 gal pipe 3 in dia rod 3 bar engine and pump jack

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.

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

C. W. WhitmoreDate Dec 30, 1963

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

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

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

17795

169546

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 30 DAY OF

Dec A. D. 19 63

AT 1:50 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson
2.00 DEPUTY

Form No. 18
8-60

T. 9 R. 31

County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 27 1961

WATER WELL LOG

Owner C. W. Whitmore

STATE ENGINEER
Address Missoula, Mont.

Driller P. L. Ferguson

Address Bozeman, Mont.

Date Started June 17 - 1961

Date Completed June 20 - 1961

Location: Sec. 18 T. 9 R. 31 $\frac{1}{4}$ sec. NE $\frac{1}{4}$

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: 1 ft. to 125 ft. Type Galv. Size 6 in.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 90 to ft. 120. Ft. to ft.

Type of screen or perforations slit

Static Water level, for non-flowing well: 80 feet.

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

Pumping water level 90 feet at 6 gal. per min.

How tested: Bailing

Length of test 1 hr.

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

(over)

Log of Well

[illegible]

21
T. N. R. 31 E.
County Musselshell

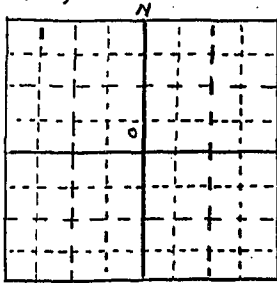
State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 2 1964

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

STATE ENGINEER

1. Morris J. Jannaway, of Melstone
(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 Oct. 1962

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

N.W. 1/4 Sec. 21, T. 2, N. R. 31 E. 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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water.....Commenced Mar. 1962 Completed Aug. 1962

8. The depth of water table.....120 Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....Drilled well 6 in. casing 325 Deep

10. The estimated amount of groundwater withdrawn each year...1,080,000 Gals.

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

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

Signature of Owner Morris Jannaway

Date Dec. 30, 1963

169508

STATE OF MONTANA, }
MUSSELSHELL COUNTY, }

FILED THIS 30 DAY OF

Dec A. D. 19 63
AT 12:36 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson
DEPUTY
\$2.00

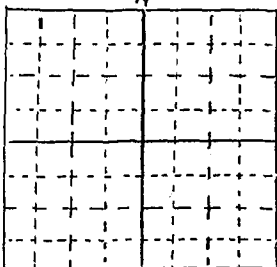
State of Montana
Administrator of groundwater Code
Office of State Engineer

T. 9 N. R. 31 E. S. 25
County of M. D.

JAN 8 1964

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

1. A. W. JENNINGS....., of MELSTONE.....
(Name of Appropriator) (Address) (Town)
County of ROSE BUD.....State of MONT......
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 WATER.....
FOR LIVES TOCK.....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1943.....

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

....45 Sec. 9 T. 31 R. 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.....

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

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 ground water 1944.....
BUILT IN 1951.....

8. The depth of water table 200 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.....
6 INCH CASING.....

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.....
WATER SAND.....

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

Signature of Owner A. W. Jennings
Date Dec 31 1963

169748

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 31 DAY OF

December A. D. 1963

AT 4:22 O'CLOCK P.M.

IN THE MATTER OF

COUNTY RECORDER

Francis L. Dawson
2- DEPUTY

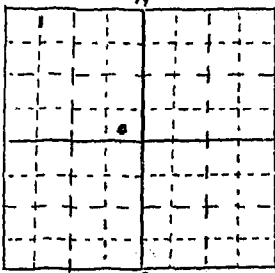
State of Montana
Administrator of groundwater Code
Office of State Engineer

T. 31 N. R. 31 E. 16
County: DEWEE D

JAN 3 1964

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

1. A. W. JENNINGS....., of MELSTONE.....
(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:



....26 Sec...9 T...3 R

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

2. The beneficial use on which the claim is based. WATER..
F.P.P. LINES TO C.H......
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1960.....
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 18 GAL.....
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. NONE.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
WELL FROM PUMP... GAS... EVG. INE.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water 1961.....
FAVX.....
LARGE STORAGE.....
8. The depth of water table 90 F.T......
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.....
C.I.N.G.H. C.A.S. INE.....
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.....
SHALE and COAL.....
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. A. W. Jennings

Date Feb. 31. 1963

169749

STATE OF MONTANA.
MUSSELSHELL COUNTY.
FILED THIS 31 DAY OF
December A. D. 19 63
AT 4:24 O'CLOCK P.M.
B. H. MATZKE
COUNTY RECORDER
Francis L. Dawson
200 DEPUTY

Form No. 18
8-60

T. 4 R. 31
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 27 1961

WATER WELL LOG

STATE ENGINEER

Owner Emmett Wilson Address Missoula, Mont.
Driller P.L. Ferguson Address Bozeman, Mont.
Date Started June 21-1961 Date Completed June 24, 1961
Location: Sec. 28 T. 9 R. 31 $\frac{1}{4}$ 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: 1 ft. to 110 ft. Type Galv. Size 6 in.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 80 to ft. 105. Ft. to ft.

Type of screen or perforations slot

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

Shut-in pressure, for flowing well: 64 lb./sq. in. on: (date)

Pumping water level 91 feet at 65 gal. per min.

How tested: Leak test

Length of test 1/2 hr.

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

(over)

Log of Well

[illegible]

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42334

File No.

T. 9^N R. 29

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

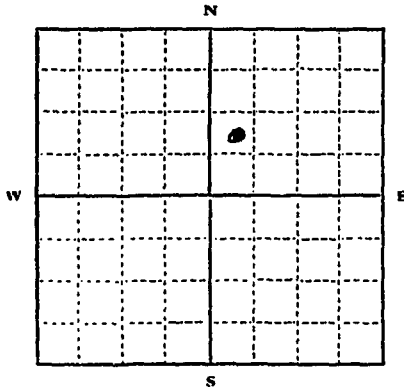
RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Harold or Hazel Hougens
(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:



ME 1/4 Sec. 31 T. 9 R. 31

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 1960
and since
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
4 gallons a 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 Jack - motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
8. The depth of water table.....
Approx 200 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
10. The estimated amount of groundwater withdrawn each year.....
90,000 gallons
11. The log of formations encountered in the drilling of each well if available.....
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....
1961. I do not have the depth of these wells.

Signature of Owner.....Harold Hougens

Date.....12-30-61

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.

17144

160403

STATE OF MONTANA, }
MUSSELSHELL COUNTY. } ss

FILED THIS 30 DAY OF

dec A. D. 1963

AT 11:59 O'CLOCK 9 M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson

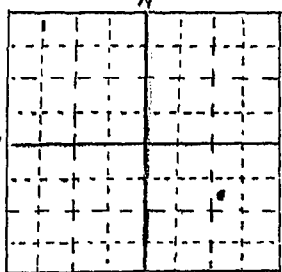
DEPUTY

2. 09

State of Montana
Administrator of groundwater Code JAN 3 1964
Office of State Engineer

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

1. A. W. JENNINGS, of MELSTONE
(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:



E. 34 Sec. 9. T. 31. R.

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

2. The beneficial use on which the claim is based. WATER..
FOR LIVE STOCK
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1.7.60
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.3 GAL.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. NONE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. WELL PUMP & GAS ENGINE
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water. 1961
8. The depth of water table 100 FT.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. G. I. M. H. & C. A. S. I. N. G.
10. The estimated amount of groundwater withdrawn each year. 100,000
11. The log of formations encountered in the drilling of each well if available. SANDSTONE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any count record.

Signature of Owner

Date

A. W. Jennings
Dec 31 1963

169747

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF
December A. D. 19 63
AT 4:20 O'CLOCK P.
P. M.

COUNTY RECORDER
Frederic L. Dawson
202 DEPUTY

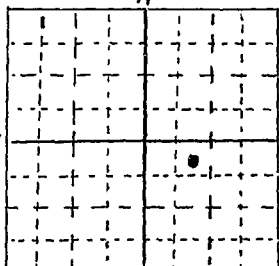
State of Montana
Administrator of groundwater Code
Office of State Engineer

T. 1 N. R. 1 E. S. 1
County: T. 1 N. R. 1 E. S. 1

JAN 8 1964

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

1. A. W. JENNINGS....., of MELSTONE.....
(Name of Appropriator) (Address) (Town)
County of ROSEBUD.....State of MONT......
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



....35 Sec. 9 T. 31 R.

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

2. The beneficial use on which the claim is based. WATER
FOR LIVESTOCK.....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1953.....8 MO. EACH YEAR

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 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 ground water 1954.....LARGE STORAGE TANK.....

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. 16 INCH CASING.....

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. GRAVELLY SAND.....SHALE.....CAL.....

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

A. W. Jennings
Dec 31 1963

169750

STATE OF MONTANA, ss.
MUSSELSHELL COUNTY.)

FILED THIS 31 DAY OF
December A. D. 19 63
AT 4:26 O'CLOCK P.M.

FRANCIS L. DAWSON

COUNTY RECORDER

Francis L. Dawson
200 DEPUTY

GROUNDWATER INDEX

Page 1 of 1

County Muskegon Twp. 8N Rge. 23E

[illegible]

File No.

RECEIVED

T. 8 R. 23

DUPLICATE

MAR 2 1970

County Musselshell

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

16 ft. yellow sand & shale

16 27 coal shale

27 75 dark grey sandstone & shale

tested water no good for domestic use (Under Chapter 237, Montana Session Laws, 1961)

75 105 light grey sand & shale

105 110 dark grey coal shale

110 182 light grey sandy shale

182 185 coal shale

185 200 grey green shale

200 232 light grey sands

232 245 grey shale 1ft coal bed

245 285 light grey sand

total depth

stopped in top of coal bed

**Notice of Completion of Groundwater
Appropriation by Means of Well**
DEVELOPED AFTER JANUARY 1, 1962Owner Geo. P. Rath Address Roundup MontanaDriller Gordon Scammon Address Roundup MontanaDate of Notice of appropriation of groundwater June 1968Date well started June 1968 Date completed July 1968Type of well Drilled Equipment used Rotary
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

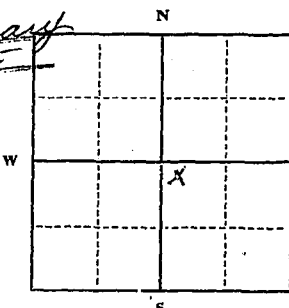
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Tested well at the following depths
75 ft.
232 ft.
285 ft.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/4	5 1/2	0	285			
				opposite water sands		

Doc. No. 180203

Filed for record

this 26 day of FebruaryA.D. 19 70, at 4:45o'clock P.M.NW 1/4 Sec. 12 T. 8 N. R. 23 E
Indicate location of well on place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well

Top of casing.....feet.

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

Pumping Water Level.....feet.

at.....gal. per minute.

Discharge in gal. per min. of flowing well

1 gal. min.

How Tested Bailer

Length of Test.....

Remarks: (Gravel packing, cementing, packers, type of shutoff) set packer and75 ft. cemented to top

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

46214

STATE OF MONTANA,
MUSSELSHELL COUNTY:

STATE OF MONTANA,
MUSSELSHELL COUNTY:

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 26 DAY OF

FILED THIS February A.D. 1970

AT 4.45 O'CLOCK P.M.

Claude L. Fletcher
COUNTY RECORDER

COUNTY RECORDER

DEPUTY

22

G

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

File No.

T. 8 N. R. 23 E

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

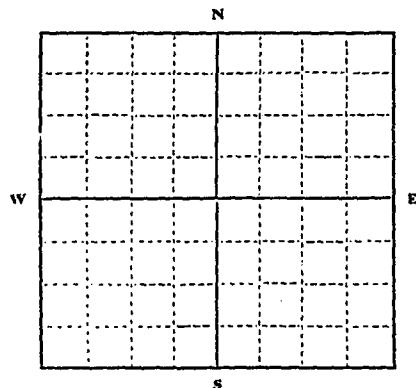
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Carl E. Vesconi, of Box 333 Roundup
(Name of Appropriator) (Address) (Town)
County of Missoula 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. 8 N R. 23 E

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

2. The beneficial use on which the claim is based Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pumping
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945
8. The depth of water table 17 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 6" casing 70 ft Deep
10. The estimated amount of groundwater withdrawn each year 50,000 gal
11. The log of formations encountered in the drilling of each well if available Not known
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Carl E. Vesconi

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.

15305

169405

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 27 DAY OF

AT 9:35 A.M. 1963

B. H. MATZKE

COUNTY RECORDER

Glenn J. Brennan
DEPUTY

\$2.00

15
M
13

File No.....

T. 8 R23 E

DUPLICATE

County..

Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner: Earl E. Vescon Address: Box 333 Round Bay

Contractor (if any)

Address of Contractor

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

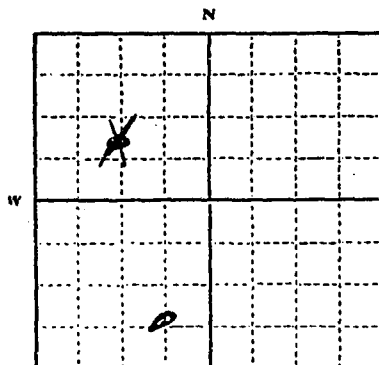
Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable.....

Spring

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.....

8 months Yearly



NW 1/4 Sec. 14 T. 8 R23 E

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

Signature of Owner

Earl E. Vescon

Date

Dec 18 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.

169407

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 27 DAY OF

Dec A. D. 19 63

AT 9:37 O'CLOCK AM

B. H. MATZKE

COUNTY RECORDER

Flaine J. Freeman

DEPUTY

82.10

15.
T. 8 R. 23
County Chouteau

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 21 1961

WATER WELL LOG

STATE ENGINEER

Owner Clarence Evans Address Roundup, Mont
Driller P. L. Ferguson Address Roundup, Mont.
Date Started June 2, 1957 Date Completed June 6, 1957
Location: Sec. 15 T. 8 R. 23 1/4 sec. Center East line

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

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

Casing: 1 ft. to 176 ft. Type Galvanized Size 6"
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 30 to ft. 45 Ft. 162 to ft. 168

Type of screen or perforations slot

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

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

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

How tested: hauling

Length of test 1 hr.

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

Log of Well

[illegible]

GV

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

File No.

T. 8 N. R. 23 E

DUPLICATE

County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

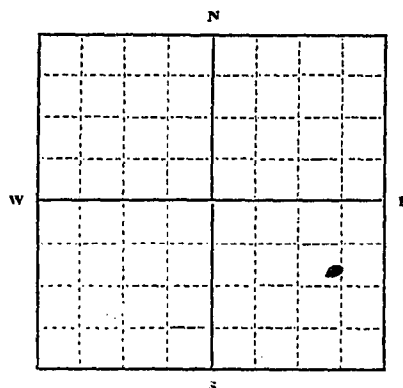
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Earl E. Vesconi, of Box 333 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. 16 T. 8 R. 23 E

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

2. The beneficial use on which the claim is based. Stock Water
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). 5 gal per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pumping

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
8. The depth of water table. 60 Feet From surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Cable Drilled 6" O.B. casing 160 Feet Deep
10. The estimated amount of groundwater withdrawn each year. 400,000 gal.
11. The log of formations encountered in the drilling of each well if available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner. Earl E. VesconiDate. Dec 18 1963

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

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

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

15304

169404

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 27 DAY OF

Dec A. D. 19 63
AT 9:34 O'CLOCK am

B. H. MATZKE

COUNTY RECORDER

Clair J. Wiseman
DEPUTY

\$2.00

T. 8 R. 23
 County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
 Butte, Montana

RECEIVED
 FEB 21 1961

WATER WELL LOG

STATE ENGINEER

Owner Clarence Evans Address Roundup, Mont
 Driller P. L. Ferguson Address Roundup, Mont
 Date Started May 20, 1959 Date Completed May 23, 1959
 Location: Sec. 21 T. 8 R. 23 $\frac{1}{4}$ sec. SW⁴

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: 1 ft. to 24 ft. Type Steel Size 2"

Casing: 1 ft. to 34 ft. Type Galv. Size 6"

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

Perforated or Screened: Ft. 24 to ft. 34 Ft. _____ to ft. _____

Type of screen or perforations Slot

Static Water level, for non-flowing well: 3.0 feet.

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

Pumping water level 5 feet at 15 gal. per min.

How tested: Leaking

Length of test 1 hr

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

Log of Well

[illegible]

RECEIVED
JUN 20 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Earl Vescovi Address Roundup, Montana
Driller Gordon Sorenson Address Roundup Mont.
Date Started Mar. 18 1958 Date Completed Mar. 20 1958
Location: Sec. 23 T. 8 R. 23 $\frac{1}{4}$ sec. NW

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

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

Casing: 0 ft. to 215 ft. Type 1 1/2" Size 8"

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

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

Perforated or Screened: Ft. opposite water sands to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations slotted

Static Water level, for non-flowing well: 60 from top of ground feet.

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

Pumping water level: _____ feet at 2 1/2 gal per min.

How tested: Ballar

Length of test: 1 Hr.

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

Log of Well

[illegible]