

169497

STATE OF MONTANA.
MUSSELSHELL COUNTY.

FILED THIS 30 DAY OF
dec A. D. 1963
AT 12:07 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson

DEPUTY

2.⁰⁰

File No.

DUPLICATE

T. 8 N. R. 31 E.

County Musselshell

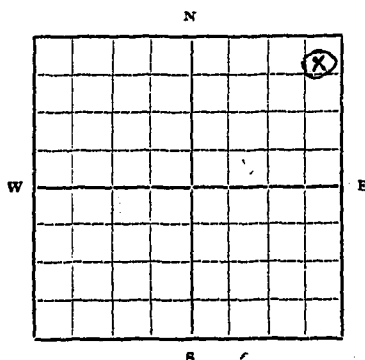
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 17 1963

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

STATE ENGINEER

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



N. 6. 1/4 N. E. Sec. 40 T. 8 N. R. 31 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 fire stock watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 12-1-51
all year around
4. The amount of groundwater claimed (in miner's inches or gallons per minute) a real good well but no record
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 By a 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 Completed drilling Dec. 1, 1951
used ever since
8. The depth of water table 240 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 by 6 inch galvanized casing of inside measure
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 The estimated amount of groundwater withdrawn each year I wouldn't know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 Shale and sand stone
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.

6454

168729

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 16 DAY OF

Oct A. D. 19 63
AT 3:57 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Glenn J. Rossman
DEPUTY

\$2.00

File No.

DUPLICATE

T. 8. N., R. 31. E

County Musselshell

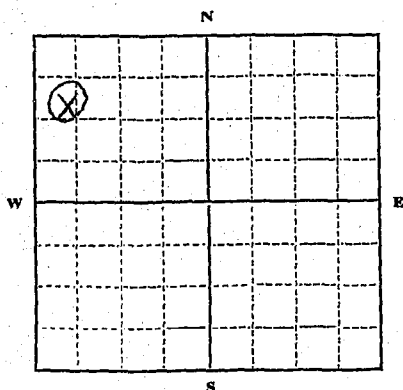
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 17 1963

Notice of Completion of Groundwater Appropriation **STATE ENGINEER**
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 1, 1945
Owner James Fulton Address Fairfield, Wash.
Contractor (if any) Natural spring
Address of Contractor
Date Started Date Completed



N. 1/4, 1/4, 1/4 Sec. 7, T. 8. N., R. 31. E.
Indicate point of appropriation
and place of use, if possible.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. By 1 inch pipe leading from hillside fork to a 10 ft. galvanized tank

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

estimate approximate lengths of periods of use

all year round, no way of knowing when

Signature of Owner James Fulton

Date 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 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 Bureau of Mines and Geology and Quadruplicate for the Appropriator.

168725

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 16 DAY OF

Oct A. D. 19 63

AT 3:49 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Gossman
DEPUTY

→ 5.00

File No.

DUPLICATE

T. 8. N. R. 31. E.

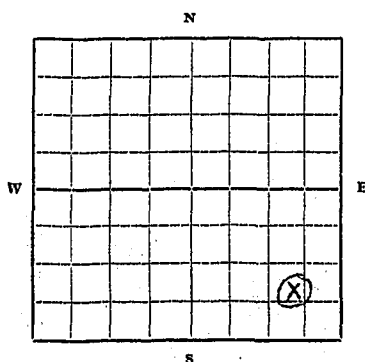
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 17 1963

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

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:



SE, SE 1/4 Sec. 8, T. 8, 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 For
watering stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 20, 1913
The year around
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
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 pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 1st 1913
8. The depth of water table 210 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 casing
10. The estimated amount of groundwater withdrawn each year not known
11. The log of formations encountered in the drilling of each well if available 25 ft. sand
45 ft. sandstone, 55 ft. shale, 75 ft. sand,
19 ft. 2+0 sand 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 James Fulton

Date Oct. 11, 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.

6457

168732

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 16 DAY OF

Oct A. D. 19 63

AT 4:02 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Rossmann
DEPUTY

\$2.00

MONTANA WATER RESOURCES BOARD
RECEIVED

County MUSSELSHELL
BN 31E 9
DRILLER'S LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

JUL 24 1970

**NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL**
Developed after January 1, 1962

Indicate the character, color, thick-
ness 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.

(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 Mrs. Clarissa Fulton

Address Sanfield, Wash

Date well started 7/21/70

completed 7/26/70

Type of well DRILLED

Equipment used CABLE

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

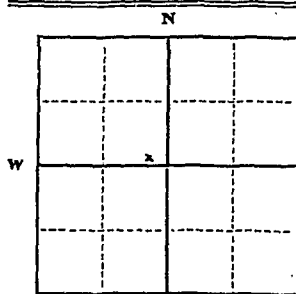
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 480,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
9"	5" PVC 2.03	0	200	Kind Size	From (Feet)	To (Feet)
				Drilled 3/8	140	195



SE 1/4 NW 1/4 Sec. 9
T. 2 N. R. 31 E. S. W.

Static water level 63 ft.*
Pumping water level 8 ft.*
at 10 gallons per minute,
measured 10 minutes after pumping
began.
*Measured from ground level.
Well developed by P.S.
for 4 hours.
Power BAILEY Pump 1 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) GRAVEL PACKED
P.E.A. GRAVEL

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

Driller's Signature Ray R. Senger

Driller's Address 1035 WINE MILLER LANE

L + D DRILLING, 516 SCOTT LICENSE NO. 188
BILLINGS MONT

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	2	TOP SOIL
2	14	YELLOW CLAY
14	143	BRECK CLAY
143	153	DARK BRECK CLAY
153	172	WATER - 1 GAL PER MIN
172	180	GREY SANDY CLAY
180	189	DARK CLAY - 10 FEET
189	200	COAL - 6 FEET
200		WATER 1 GAL PER MIN
200		GREY CLAY

200 FT Show exact depth of bottom

46713

180822

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 23rd DAY OF

July A. D. 1920
AT 1:39 O'CLOCK P.M.

CLAUDE F. FLETCHER

COUNTY RECORDER

Charles Stevens

DEPUTY

202

APPROVED TO BEAT

FROM REVENUE TO ACCOUNT

CHAS. FLETCHER NEW AMERICA

REVENUE TO MONTANA TO BEAT

FROM REVENUE TO ACCOUNT

CHAS. FLETCHER NEW AMERICA

GW

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

File No.

T. 8N R. 31E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

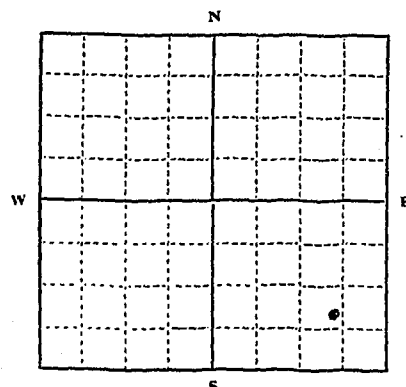
RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Hause or Hazel Houser, of Melton
(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 $\frac{1}{4}$ Sec 9 T 8 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 1961 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 Motor and pump Jack

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 100,000 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 Hause Houser

Date 12-30-62

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 Quaduplicate for the Appropriator.

17746

169495

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 30 DAY OF
Dec A. D. 19 63
AT 12:03 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson
DEPUTY

2. 09

RECEIVED
OCT 7 1957

T. 31 E R. 31 E
County. Blaine

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner. James J. Jansen Address. Billings, Mont
Driller. Miller Drilling Address. Butte, Mont
Date Started. 2-2-57 Date Completed. 2-2-57
Location: Sec. 9 T. 31 N R. 31 E 1/4 sec. 1 NW 1/4

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

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

Casing: _____ ft. to 235 ft. Type galv Size 6"

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

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

Perforated or Screened: Ft. 210 to ft. 235 Ft. _____ to ft. _____

Type of screen or perforations. 20 mesh

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

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

Pumping water level. 151 feet at _____ gal. per min.

How tested: see

Length of test. 10 minutes

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



(over)

RECEIVED
OCT 7 1957

T. 34 R. 31

County Liberty

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner James Petersen Address Billings, Mont

Driller Miller Drilling Address Butte, Mont

Date Started 7-27-57 Date Completed 7-27-57

Location: Sec. 9 T. 34 R. 31 1/4 sec. 14

Type of well Bored 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 35 ft. Type galv Size 6"

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

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

Perforated or Screened: Ft. 21 to ft. 23 Ft. _____ to ft. _____

Type of screen or perforations 2 1/2 inch slots

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

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

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

How tested: water

Length of test 10 minutes

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
1	5	soft sandstone
5	10	arg. clay - coal streaks
12	13	soft sandstone
13	22	arg. clay
22	25	soft sandstone
25	31	arg. clay
31	36	soft sandstone
36	44	soft sandstone - arg. clay
44	51	2' coal - sandstone
51	54	soft sandstone
54	55	white limestone - bedded
		7' 6" blue sandstone

Log of Well

[illegible]

File No.

T. 8 N. R. 31 E

DUPLICATE

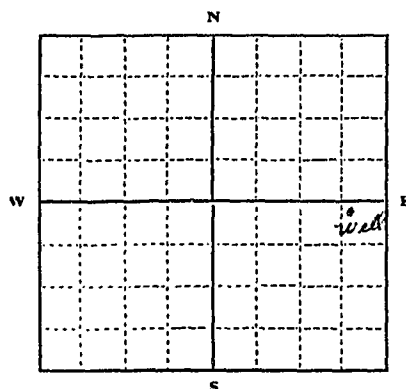
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

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

1. James E. Wilson Jr, 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:



S. 1/4 Sec. 10 T. 8 N. R. 31 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 1912 - 1963
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal gas meter
6 1/2 Sec 10-8-31
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1912
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 3 inch casing 90 feet deep
10. The estimated amount of groundwater withdrawn each year enough for 70 head calves winter use
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

James E. Wilson Jr
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.

15319

169422

STATE OF MONTANA, {SS
MUSSELSHELL COUNTY.}

FILED THIS 27 DAY OF
December A. D. 1963

AT 2:40 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson
DEPUTY

2.

File No.

T. 8 North R. 31 East

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Bought Land 1958 from
Date of Appropriation of Groundwater William S Wilson

Owner James E Wilson Jr Address Titelstone, Titont

Contractor (if any) None

Address of Contractor None

Date Started None Date Completed None

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

NATURAL SPRING IN CREEK

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

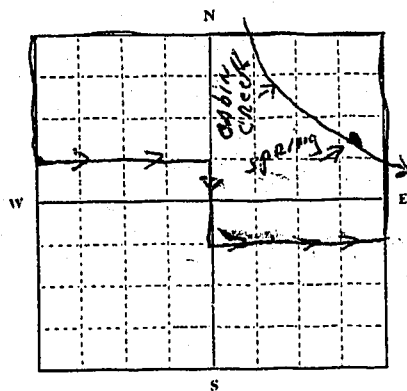
estimate approximate lengths of periods of use POND

About 50 Feet Long 8 Feet wide
4 Feet deep Along Creek Bottom
Used For Stock water 12
Months of year

Signature of Owner James E Wilson Jr

Date Dec 20, 1963

320 acres out of
Section 12 as shown Below



1/4 Sec. 12 T. 8 N. R. 31 E

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

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.

169248

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 20 DAY OF
Dec A. D. 19 63

AT 1:00 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

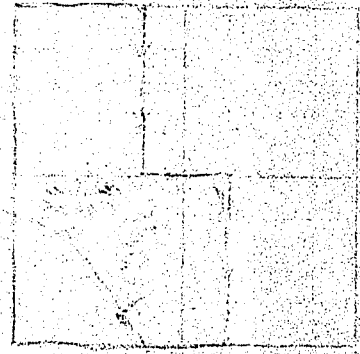
Clair J. Gosman

DEPUTY

\$ 2.00

RECEIVED

DEPUTY ENGINEER



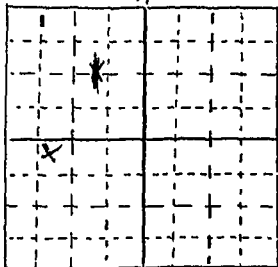
State of Montana
Administrator of groundwater Code
Office of State Engineer

T. 8 N. 5 E. 17
County Musselshell

JAN 3 1964

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

1. Harren Maart....., 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. 17 T. 8 R. 3

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.....
Home use and livestock.....
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).....3.....g.p.m......
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
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 water1945.....
8. The depth of water table125 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.....
drain hole.....150 ft. deep.....
10. The estimated amount of groundwater withdrawn each year....75,000.....
11. The log of formations encountered in the drilling of each well if available.....
unavailable.....
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any court record.....

Signature of Owner:

Harren Maart
Date Dec 31, 1963

169709

STATE OF MONTANA,
MUSSELSHELL COUNTY, SE.
FILED THIS 31 DAY OF
December A. D. 1963
AT 2:38 O'CLOCK P. M.
COUNTY RECORDER
Francis L. Dawson
301 DEPUTY

File No.

Sec 23 T. 8 N. R. 31 E.

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner James E. Wilson Jr. Address Spokane, Mont.

Contractor (if any)

Address of Contractor

Date Started

Date Completed

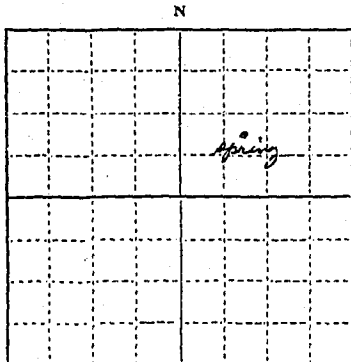
Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable.

Natural Spring on alkali creek

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 as

Stock Water



N. E. 1/4 Sec 23 T. 8 N. R. 31 E.

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

Signature of Owner

James E. Wilson Jr.

Date Dec. 27, 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.

169424

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY.

FILED THIS 27 DAY OF

December A. D. 1963

AT 2:42 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson
DEPUTY

2. 20

NOT RECORDED
MUSSELSHELL COUNTY, MONTANA
RECORDED
DEC 27 1963

File No.

DUPLICATE

T 8 N R 31 E 23

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

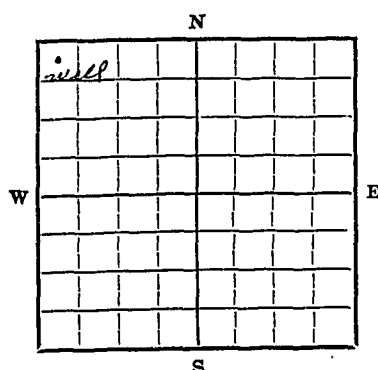
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 287, Montana Session Laws, 1961)

STATE ENGINEER

1. James E. Wilson Sr, of 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:



N. W. 1/4 Sec. 23 T. 8 N R. 31 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 and house
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948-1963
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric motor
Sec. 23 - T. 8 N R. 31 E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948
8. The depth of water table 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 6 inch casing 50 feet deep
10. The estimated amount of groundwater withdrawn each year enough for 70 head cattle
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

James E. Wilson SrDate Dec. 31, 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 School of Mines and Quadruplicate for the Appropriator.

15323

169426

STATE OF MONTANA,
NORTH HELL COUNTY.

THIS 27 DAY OF
Dec A.D. 1963
AT 2:52 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER
James L. Dawson
DISTRICT

2.
04

GW 4

File No.

DUPLICATE

T 8N R 31E 24

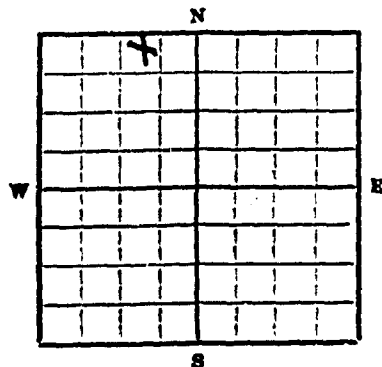
County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Karmen and Robert Karmen, of Custer,
(Name of Appropriator) (Address) (Town)
County of Yellowstone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 24 T8N R. 31E

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

2. The beneficial use on which the claim is based Stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 1954
Every year
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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 Small Farm Garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump equipped with windmill for power.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Aug 21-1954 Sept 2,-1954
8. The depth of water table ? Strong flow.
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. Cased with 4" in casing.
10. The estimated amount of groundwater withdrawn each year 1,290,000 gal.
11. The log of formations encountered in the drilling of each well if available Water encountered at 39 ft. Drilled to 90 ft.
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 Very good well.

Signature of Owner John Karmen

Date Dec 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 School of Mines and Quadruplicate for the Appropriator.

20507

169661

STATE OF MONTANA,
GREAT SALT LAKE COUNTY.

FILED THIS 31 DAY OF
December 1963
at 12:20 O'CLOCK P.M.

B. H. MATZKE

Francis L. Lawson
2nd JUDGE

File No.

DUPLICATE

T. 8 N. R. 31 E. 29

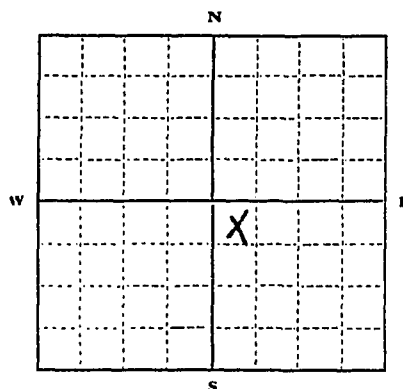
County, JAN 3 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Fred V Maart, of 1201-3rd St. W 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:



1/4 Sec 29 T. 8 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.
use mostly a winter pasture since 1954
4. The amount of groundwater claimed (in miner's inches or gallons per minute).
8 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.
Engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
1954
8. The depth of water table.
400 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
1 1/4 inch pipe and pump with engine
10. The estimated amount of groundwater withdrawn each year.
What ever is needed for stock at time of need.
11. The log of formations encountered in the drilling of each well if available.
I have no record
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.
I do not have record

Signature of Owner

Date 12-31-63

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.

20668

169824

STATE OF MONTANA, {sa.
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF

dec A. D. 1943

AT 6:54 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson

DEPUTY

2.44

File No.

T. 2N R. 31E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

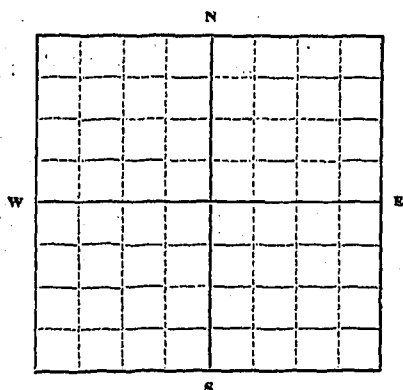
Declaration of Vested Groundwater Rights

(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:



SW $\frac{1}{4}$ Sec. 29 T. 2N R. 31E

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 1960.
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 Commenced in 1959 and completed Jan. 14, 1960.
8. The depth of water table 180 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 400 feet deep. Six-inch casing. Cased to bottom. Perforated 20 feet for upper water. 400 feet 4 1/2" OD #7 steel casing.
10. The estimated amount of groundwater withdrawn each year.....
11. The log of formations encountered in the drilling of each well if available 220' water level; 270' old bottom; 380' shale; 390' sand water; 400' 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 No other information available.

Northern Pacific Railway Company

Signature of Owner By L. H. Lehman
Dist. Supvr, Graz. & Galt.

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.

168905

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 14 DAY OF
November A. D. 19 63
AT 1:42 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Gassman
DEPUTY

72.00

RECEIVED
JAN 15 1964
CIVIL DIVISION

GV

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

File No.

T. 8 N. 31 E. 30

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

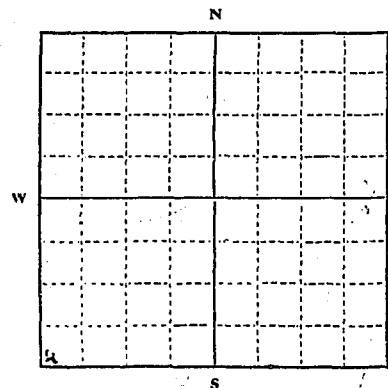
RECEIVED
DEC 23 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Elton Roberts, of Missoula (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:



SW 1/4 Sec 30 T. 8 N. 31 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. stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. daily since Nov. 1950
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 none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 1/2" pipe 2 1/2" cylinder
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Month of November 1950
8. The depth of water table. 160'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. stockwater 6" hole 300' depth
10. The estimated amount of groundwater withdrawn each year. 120,000 gal.
11. The log of formations encountered in the drilling of each well if available. not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. not known

Signature of Owner.

Elton RobertsDate Dec 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.

11648

169238

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 20 DAY OF

Nov A. D. 19 63

AT 9:00 O'CLOCK a M.

B. H. MATZKE

COUNTY RECORDER

Eldine J. Gosman
DEPUTY

2.00

RECEIVED
MUSSELSHELL COUNTY
CLERK
NOV 23 1963

File No.

DUPLICATE

T. 8 N. R. 31 E. 32

County.

JAN 3 1964

STATE ENGINEER

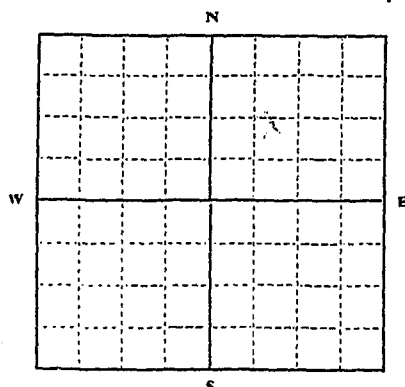
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, John A. Smith, of Helena, (Name of Appropriator) (Address) (Town)

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



1/4 Sec. 31 T. 8 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.....

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

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

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

8. The depth of water table.....

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

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

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

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

Signature of Owner John A. Smith

Date Jan 3 1964

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.

20667

File No.

DUPLICATE

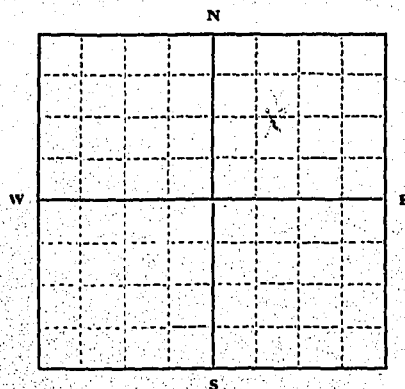
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 8 N R. 31 E
County:
JAN 3 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



$\frac{1}{4}$ Sec. 32 T. 8 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.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
stock water
1750
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.....
1750
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
to pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
8. The depth of water table.....
1950
well is 85 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.....
1 1/4 inch pipe with windmill
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.....
the well is in Big Horn County

Signature of Owner Steve

Date 1-2-64

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.

20667

169823

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 31 DAY

Dec A. D. 1910
AT 6:52 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson
DEPUTY

2. 12

Handwritten: 11/30/10
11/30/10

Handwritten: 11/30/10
11/30/10

X

Handwritten: 11/30/10

1920

Handwritten: 11/30/10

35 & 31

Handwritten: 11/30/10

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File No.

T. 8 N R 31

DUPLICATE

County

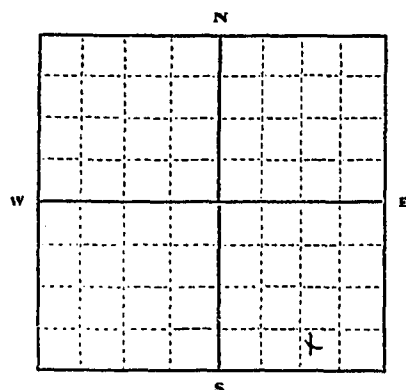
JAN 3 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Fred V Maart, of 1201-3rd St W. 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. 33 T. 8 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
1950

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
3 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
none

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1950

8. The depth of water table
well is 265 feet deep

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

10. The estimated amount of groundwater withdrawn each year
what ever is needed for stock pastured at time of need

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

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
I do not have any record

Signature of Owner

Fred V MaartDate Dec 31 - 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.

20666

160822

STATE OF MONTANA
MUSSELSHELL COUNTY

FILED THIS 31 DAY OF

dec A. D. 19 *69*
AT 6:50 O'CLOCK *P* M

B. H. MATZKE

COUNTY RECORDER

James L. Dawson

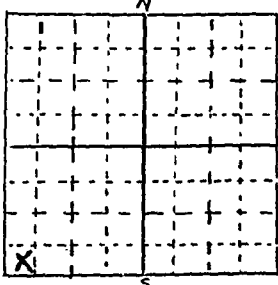
2.04

State of Montana
Administrator of groundwater Code
Office of State Engineer

JAN 3 1964

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

1. Fred V Maart....., of 1201-3rd W. 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:



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 been1956.....
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....3 gallons per minute.....
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....none.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....windmill.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water1959.....
8. The depth of water table265 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.....1 1/4 inch pipe and windmill.....
10. The estimated amount of groundwater withdrawn each year.....what ever is needed for stock pastured at time of use.....
11. The log of formations encountered in the drilling of each well if available.....I do not have any record.....
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.....I do not have any record.....

Signature of Owner.....

Date 12-31-63.....

169826

STATE OF MONTANA
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF

dec A. D. 1963

AT 1:58 O'CLOCK P.M.
B. H. MATZKE

COUNTY RECORDER

Frances L. Lamson

DEPUTY

2.04

File No.

T. 8N R. 31E 34

DUPLICATE

County 120

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

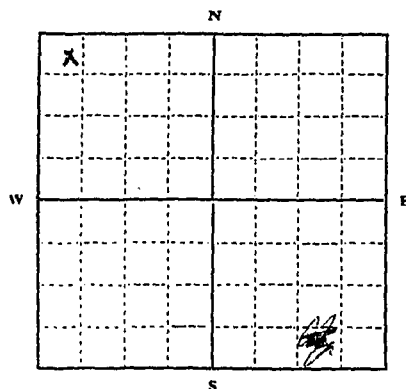
JAN 3 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Fred J. Maart, of 1201-3rd St W 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:



1/4 Sec. 34, T. 8, 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.....
1950
Developer opening in to well
for trans water here in the early days
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
5 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.....
Windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
1950
8. The depth of water table.....
well is 285 feet deep
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
1 1/4 pipe and windmill
10. The estimated amount of groundwater withdrawn each year.....
whatever is needed
for stock pastured at this time. I need
11. The log of formations encountered in the drilling of each well if available.....
I do not have it
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....
I do not have any records

Signature of Owner Fred J. MaartDate 12-31-63

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.

20669

169825

STATE OF MONTANA, {ss.
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF

dec A. D. 19 63
AT 6:56 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson
DEPUTY

2.00

GROUNDWATER INDEX

Page 1 of 1

County Muskegon Twp. 7N Rge. 23E

[illegible]

File No.

T. 7 N. R. 23 E.

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Seilstad #2 M6-R-858

RECEIVED
OCT 1 1964

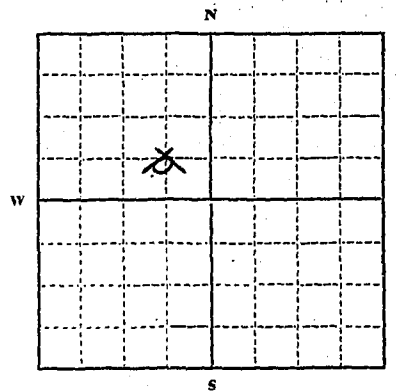
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

- I, Bureau of Land Management of Drawer 699 Lewistown
(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 SE 1/4, Sec. 11, T. 7 N., R. 23 E. A drilled & cased well, 150' deep, 6" casing. Pump well
- The probable or estimated depth of the water table or artesian aquifer 150 ft.
- Name, address and license number of the driller engaged

- Give such other similar information as may be useful

in carrying out the policy of this act. Inferred
aquifer is the Hell Creek Sandstone.
Water will be used at location for watering
range livestock.



NW 1/4 Sec. 11, T. 7 N. R. 23 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.

38529

171403

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY }

FILED THIS 30 DAY OF

Sept A. D. 1964

AT 1:53 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gorman
DEPUTY

#2.22

File No.

NOV 12 1965

T. 7N R. 23E 11

DUPLICATE

McDermott
McNulty
Morton
Sullivan
Daginton
Gickett

County Missoula

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)

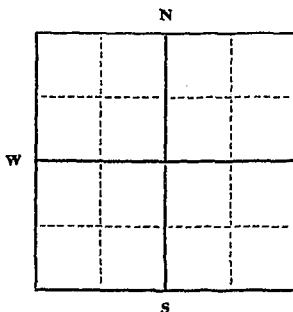
Top of Ground
(Elev. above sea level.....)

0 surface soil
3 sand rock
30 sand + shale grey
55 " "
70 " "
75 sand } Little H₂O
78 " "
90 sandy shale
94 sand - dry
105 shale - sandy hard
125 sand
135 sand blue streak
150 shale - grey - hard
178 shale - sandy
185 shale
189 sand gravel
196 sand, H₂O 2.6
206 " H₂O - 4 gal
212 shale
222 shale

Owner B. L. M. Address Leinstown, Mont.
Driller P. L. Ferguson Address Roundup, Mont.
Date of Notice of appropriation of groundwater.....
Date well started 8-1-65 Date completed 8-12-65
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)
8 1/4"	20#	0	222	1/2"	77	80
				3/4"	100	102
				1 1/2"	185	190
				2"	194	199
					202	205



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

Shut-in Pressure for Flowing Well Not Applicable
Pumping Water Level..... 222 feet
at..... 4 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... does not apply

Length of Test..... 1 hr.

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

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8E 1/4 NW Sec. 11, T. 7N, R. 23E
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).

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

39811

173124

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 10 DAY OF
November A. D. 1965
AT 9:38 O'CLOCK 9 M.
Claude F. Litcher
COUNTY RECORDER

\$200 DEPUTY

RECEIVED BY THE CLERK OF DISTRICT COURT
FOR THE COUNTY OF MUSSELSHELL
ON 11/10/65
CLERK OF DISTRICT COURT
MUSSELSHELL COUNTY
MONTANA

RECEIVED BY THE CLERK OF DISTRICT COURT
FOR THE COUNTY OF MUSSELSHELL
ON 11/10/65
CLERK OF DISTRICT COURT
MUSSELSHELL COUNTY
MONTANA

File No.

DUPLICATE

T. 7. N. R. 23. E.

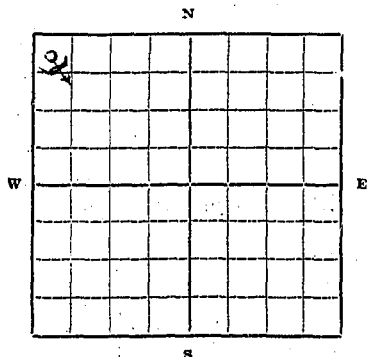
County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
JAN 2 1964
STATE ENGINEER

1. Bureau of Land Management, of Prayer 699 Lewistown
(Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NW 1/4 Sec. 24 T. 7N. R. 23E

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 for livestock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1936 to present
4. The amount of groundwater claimed (in miner's inches or gallons per minute) All (1 gal/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 N/A
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal gravity flow to 9' x 15' x 3' cement catch basin
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1936
8. The depth of water table Surface flow
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 Gravity flow of surface discharge to 9' x 15' x 3' cement catch basin with 2" overflow pipe - Electric pump also.
10. The estimated amount of groundwater withdrawn each year 500,000 gallons
11. The log of formations encountered in the drilling of each well if available Discharge from upper Bell Creek formation. Surface elevation approximately 3500'.
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 Shirley M. Cotton
District Manager
Date December 12, 1963

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

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

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

17754

169504

STATE OF MONTANA,
MUSSELSHELL COUNTY. ¹³

FILED THIS 30 DAY OF

Dec A. D. 19 63

AT 12:20 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson
DEPUTY

2.00

File No.

T. 7N R. 23E

DUPLICATE

County Marshall

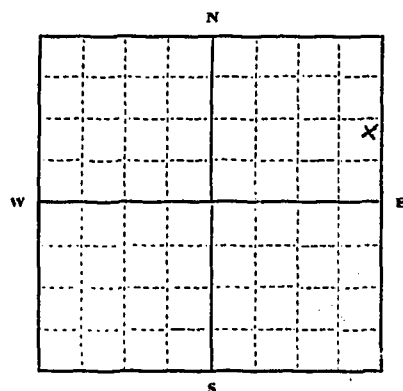
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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



NE 1/4 Sec 22 T. 7 R. 23E

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 1956
Every year

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

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

Not Applicable

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

Engine & Pump Jack

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 1956

8. The depth of water table 110 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 in casing - 120 ft deep

10. The estimated amount of groundwater withdrawn each year Not known

11. The log of formations encountered in the drilling of each well if available 80 ft Shale 30 ft Sandy Shale & Sand rock - 10 ft Hard 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 county record.

Signature of Owner

Harold Anderson
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 Quatu.uplicate for the Appropriator.

12387

169343

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

FILED THIS 23 DAY OF

Dec A. D. 1963
AT 4:50 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gorman
2.00 DEPUTY

File No.

DUPLICATE

T. 7 N R. 23 E

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Oct 1940Owner Harold Anderson Address Laramie Mont.Contractor (if any) None

Address of Contractor

Date Started Oct 1940 Date Completed Oct 1940Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring connected inlined out to tanks

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

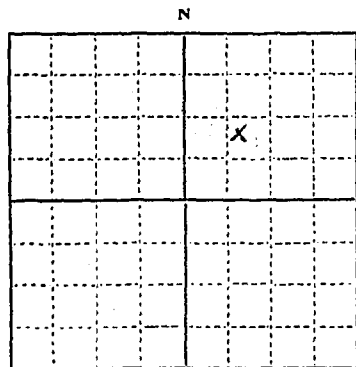
estimate approximate lengths of periods of use year aroundRuns 1 gallon per minuteyear aroundSignature of Owner Harold AndersonDate Dec 23 1963

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. 22 T. 7 R. 23
Indicate point of appropriation
and place of use, if possible.

12386

169342

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 23 DAY OF

Nov A. D. 1963

AT 3:59 O'CLOCK P.

B. H. MATZKE

COUNTY RECORDER

Clair J. Lussman
2.00 DEPUTY

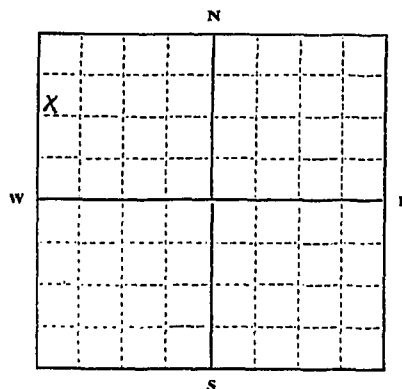
File No.

DUPLICATE

T. 7N R. 23E
County MusselshellSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 18 1963
STATE ENGINEER1. Harold Anderson, of Laramie
(Name of Appropriator) (Address) (Town)
County of Golden Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:NW 1/4 Sec. 25 T. 7 R. 23Indicate 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 1948, ever since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 80 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
No Irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater October or November 1948
8. The depth of water table 27 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
4 inch casing, 37 ft. deep
10. The estimated amount of groundwater withdrawn each year Runs all summer
11. The log of formations encountered in the drilling of each well if available Sand 25 ft.,
sandstone 10 ft. - 12 ft.
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
Drilled this well. Motor length drilled.

Signature of Owner

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 to the Appropriator.

10176

169201

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 17 DAY OF

Dec A. D. 1963
AT 5:45 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gosman
DEPUTY
92.00

File No.

STATE WATER CONSERVATION BOARD

T. 7 R. 23

DUPLICATE

NOV 7 1966

County Missoula

LOG

Bill
Butler
Coyne
Darlington
Dixey

McDonnell

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 HAROLD ANDERSON Address LAVINA, MONTDriller HARVEY MCCONNELL Address ROUNDUP, MONT

Date of Notice of appropriation of groundwater

Date well started APRIL 7, 1966 Date completed APRIL 13, 1966Type of well drilled Equipment used CHURN DRILL
(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.

Top of Ground
5' sand soil
(Elev. above sea level)

15 sandstone
20 shale
25 sand

55' shale

65' shale & sandy strata

103 shale

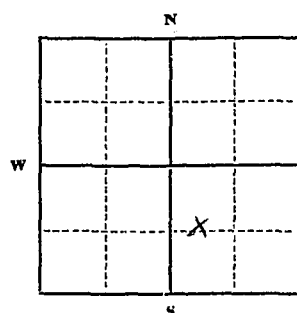
108 sand water

water 8 1/2 G.P.M.

125 shale & strata sand 7"

135 shale

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
				10 1/2"	103	109
				1 1/2"	112	115
				5 1/2"	118	124

Static Water Level for non-flowing well 38 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 125 feetat 9 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BAILERLength of Test 1 hrRemarks: (Gravel packing, cementing, packers, type of shutoff) NONE

SE 1/4 Sec. 27 T. 7 R. 23
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 43Driller's Signature Harvey McConnell41,586

174681

STATE OF MONTANA }
MUSKELSHELL COUNTY. } ss

FILED THIS 4 DAY OF

November A. D. 19 66

AT 10:10 O'CLOCK A.M.

CLAUDE F. FLETCHER

COUNTY RECORDER

Elaine J. Gorman
DEPUTY

92.00

GROUNDWATER INDEX

Page 1 of 1

County Muskegon Twp. 7N Rge. 24E

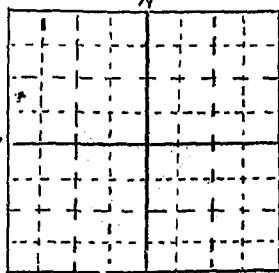
[illegible]

State of Montana
Administrator of groundwater Code
Office of State Engineer

T. 7. N. R. 24. E.
County of MUSSELSHELL
RECEIVED
FEB 10 1964

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

1. MARCUS AND ANTOINETTE CROWLEY, of Box 3, 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:



2. The beneficial use on which the claim is based DOMESTIC.

AND WINTER STOCK WATER.....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been DEC. 2, 1947. TO DATE.....

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

S.W. 1/4 NW Sec 2, T. 7. N. R. 24. 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.....

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 HAND PUMP
S.W. 1/4 NW Sec 2, T. 7. N. R. 24. E......

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

8. The depth of water table APPROXIMATELY 30 FT......

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
HAND PUMP. DRILLED. 5 IN. CASING. 90 FT......

10. The estimated amount of groundwater withdrawn each year 2,500 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 count record.....

Signature of Owner Marcus Crowley
Antoinette Crowley

Date 7-7-64.....

170012

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

FILED THIS 7 DAY OF

February A. D. 1966
AT 3:00 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Doss
DEPUTY
\$2.00

RECEIVED
FEB 10 1964

STATE ENGINEER