

File No.

17309

T 13N R 16 E

DUPLICATE

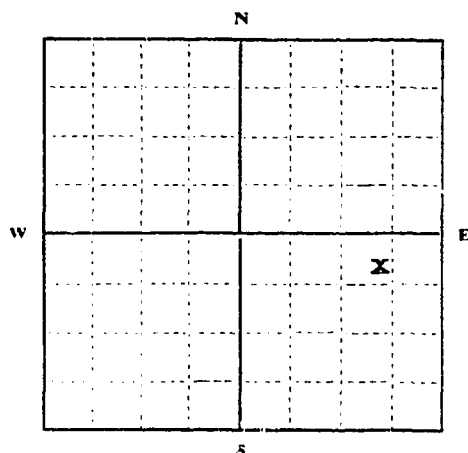
County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Archie F. Nelson, of R.R. 1 Box 30 Moore
(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:



se 1/4 Sec. 14 T 13N R 16E

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 Household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been since purchase 1939
continuous
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
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1966
8. The depth of water table 8 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 aug 4 feet 12 feet
10. The estimated amount of groundwater withdrawn each year 91,260 gallons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

Date December 28 1963

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

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

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

17237

17309

State of Montana, ss.
County of Park.

Filed DEC 30 1963 19
at 2:15 o'clock P. M.

May Rathbun
County Clerk and Recorder

\$200.00

File No. **9993**

DUPLICATE

T. R.

County

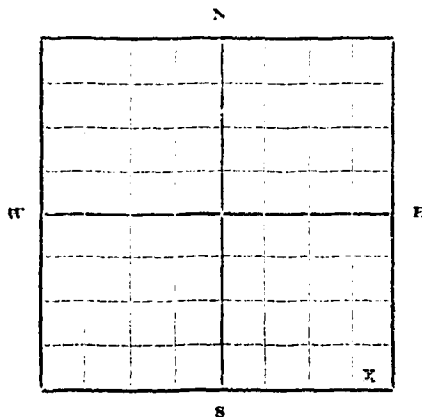
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

ENGINEER

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



Sec. 19, T. 13, R. 14

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 _____
21-1981 and continuous since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) _____
10 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 _____
sec. 30, JOHN C. HANNAH
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal _____
This is a flowing well for stock and is turned into the house for pressure
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater _____
APRIL 15, 1961 and completed on June 1, 1961
8. The depth of water table _____
100 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater _____
This is a flowing well, approximately 10 gallon per minute and 100 feet deep.
10. The estimated amount of groundwater withdrawn each year _____
2,000,000 gallons
11. The log of formations encountered in the drilling of each well if available _____
none available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____
none

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 Quaduplicate for the Appropriator.

9993

COPY-

County of ...
Filed JUN 4 1962
at 2:45 P.M.
May O'Rourke
County Clerk and Recorder

42-94

File No.

T. 12 R. 16

DUPLICATE

County Fergus

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

Under Chapter 237 Montana Session Laws, 1961, as amended)

Top of Ground

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

0-32--Brown sandy soil with a sand
layers, turning darker brown to
gray from 22'32--39--Black shale turning
light gray

39--41--White Bentonite clay

41--49--Sand layers in clay--
white, gray and black49--53--Very hard fine salt
and pepper sand

53--56--Black shale

56--60--Whitish gray clay;
Soft

60--85--Black Shale; Hard

85--97--Gray to Black Sand;
Fine, dry and hard

97--179--Black Shale

179--186--Fine hard black
sand; Dry

180--209--Black Shale

209--220--Bentonite layers,
some hard; Pale Green

220--267--Black Shale

267--284--Fine Sandy Shale
Layers

284--390--Harder--Mudstone

390--397--Bentonite

397--399--Black Shale

399--489--Very fine sandy
shale; Dry; Lighter gray

489--495--Bentonite

495--509--Black hard shale
and light gray sandy shale

509--510--Very hard black layer

510--624--Softer gray shale.
Few layers of hard black
shale or mudstone624--638--Hard layer; Contains
gray lime and fish scales. w
Some brown and tan lime.

638--670--Black shale & mudstone.

670--687--Occasional hard black
layers in shale. Some brown
& white flakes. Gypsum.687--715--Hard; Sandy. Some
white clay; Pyrites at 710'715--730--Hard white to gray
sand (fine). Some brown
lime.730--744--Fine white to gray
silted sand in gray shale
Contains some water.744--767--Fine hard white
sand and gray clay767--774--Shale; Dark gray;
Oily.774--786--Sandy white clay;
Some pink.

(Over)

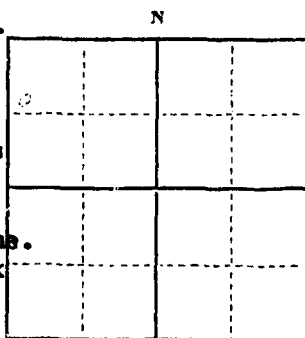
Show exact depth of bottom.

Owner Roland Wright Address Moore, MontanaDriller Misamore Drilling Address Lewistown, Montana

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

Date well started 5--5--70 Date completed 5--31--70Type 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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
0--933'	1 1/2" OD	1 ft.			742	769
5 5/8"	6 3/4" Galv.	above ground	933'	Torch Cut Slots	875	895
933-1026	3 1/2" OD				963	967
3 7/8"	8"	925	1026		975	995
					1005	1024

Indicate location of well and
place of use, if possible. Each
small square represents 40
acres.Static Water Level for non-flowing well
.....feet.Shut-in Pressure for Flowing Well 104

Pumping Water Level.....feet

at.....gal. per minute.

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

How Tested.....

Length of Test.....

Remarks: (Gravel packing, cementing, pack-
ers, type of shutoff) Packers installed
at 740 ft. and 873 ft.

(Continue on reverse side)

USE--If used for irrigation, industrial, drainage or other. Explain, state
number of acres and location or other data (i.e.: Lot, Block and Addi-
tion).Doc. No. 41152

Filed for record

this 12 day of JuneA.D. 19 70 at Lewistowno'clock 11 M.

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the
County Clerk and Recorder in the county in which the well is located, tissue copy to be
retained by driller.Please answer all questions. If not applicable, so state, otherwise the form will be
returned.

417865

786--792--Greenish white sand. Hard. Some red shale streaks.
 792--828--Red and purple shale
 828--834--Gray and purple sandy lime
 834--879--Red sandy shale with a few thin layers of fine hard sandstone
 879--894--Very sandy layers. Salt and pepper sand. Contains water.
 894--901--White to gray sandy bentonite. Very sticky
 901--905--Hard black shale--fine sand and pyrites
 905--908--Few fine sandy layers in grayish purple shale
 908--911--Hard black gray and maroon shale
 911--933--Light gray clay; Some black and purple hard layers. Bentonite
 933--944--Grayish purple shale with sandy lime layers
 944--962--Gray and black sand -- Flows 2 gpm.
 962--964--Hard sandy lime; Gray
 964--965--White sand --- Water--3 gpm
 965--970--Red, green and purple shale
 976--977--White sandy clay
 977--993--Salt and pepper sand. Contains water
 993--1007--Red shale
 1007--1024--White sand. Contains water
 1024--1026--Purple Shale
 1026 --- Bottom

State of Montana, *Isa*
 County of *Beaverhead*
 Filed *DEC* 1970
712
County Clerk and Recorder

COR

File No. **3366**

T. **13 N.R. 16 E.**

DUPLICATE

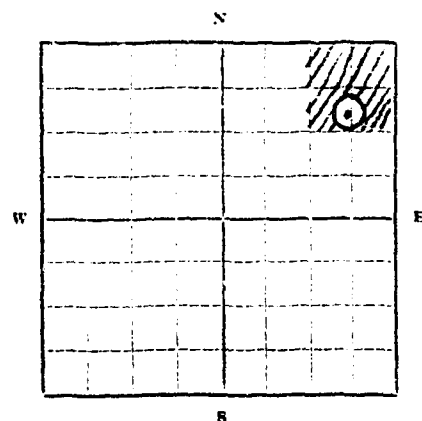
County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Burton Wright** of **Moore**
(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:



NE 1/4 NE 1/4 Sec. 17 T. 13 R. 16

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 **household, livestock, irrigation and other uses.**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **Continuously used since March, 1934.**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **300 miner's inches.**
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 **NE 1/4 NE 1/4, Sec. 17, Twp. 13, N. Rgs. 16, E. Burton Wright.**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **750-gallon an hour power pumps**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **See No. 3 above**
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 **25 feet deep, 4 feet diameter**
10. The estimated amount of groundwater withdrawn each year **See No. 6 above**
11. The log of formations encountered in the drilling of each well if available **Not available**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record **None**

Signature of Owner

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.

9366

COPY

County of Fresno, } ss.
County of Fresno, }

Filed APR 17 1932 19
at 10:45 o'clock A.M.

May Rethum
County Clerk and Recorder

\$2.00 ph

GW3

File No. **9357**

T. **13** N. **16** E.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater **September 15, 1960**

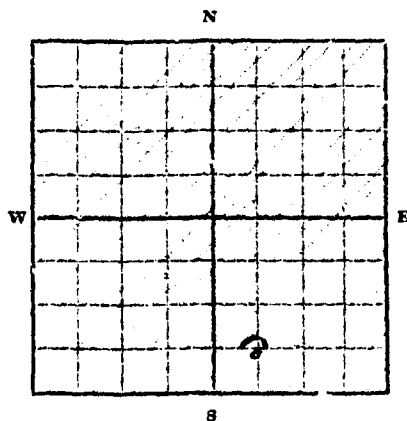
Owner **Burton Wright** Address **Moore, Montana**

Contractor (if any) **Burton Wright**

Address of Contractor **Moore, Montana**

Date Started **Sept. 10, 1960** Date Completed **Sept. 15, 1960**

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



SE 1/4 SW 1/4 Sec. 17, T. 13, R. 16 E

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

tent estimate approximate lengths of periods of use

Estimated at 500 miner's inches; water used for irrigation on all of Section 17, Twp. 13 N. Rge. 16 E., and livestock use and any other uses; water used year round

Signature of Owner

Date **April 13, 1962**

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

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

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

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

9357

COPY

State of Montana }
County of Fergus }

Filed APR 17 1962 JS
at 10:45 o'clock P.M.

Way Plathner
County Clerk and Recorder

420 pt

Township No. 13 N. Range No. 16 E Meridian.

	1						1
36	2 31	32	33	34	35	36	2 31
	3						3
	4						4
4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1
	5 6	5	4	3	2	1	5 6
	6						6
	7						7
12	2 7	8	9	10	11	12	2 7
	3						3
	4						4
	1						1
13	2 18	17	16	15	14	13	2 18
	3						3
	4						4
	1						1
24	2 19	20	21	22	23	24	2 19
	3						3
	4						4
	1						1
25	2 30	29	28	27	26	25	2 30
	3						3
	4						4
	1						1
36	2 31	32	33	34	35	36	2 31
	3						3
	4						4
4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1
	5 6	5	4	3	2		5 6
	6						6
	7						7

☞ Dam and Springs on SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 17

Area irrigated

GW3

File No.

4356

T 13, N. R 16, E.

County Fergus

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater September 17, 1956

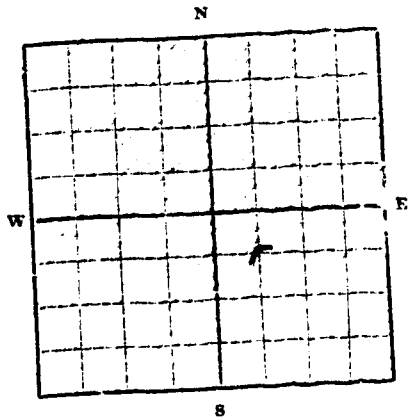
Owner Burton V. Wright Address Moore, Mont.

Contractor (if any) Owner

Address of Contractor same

Date Started Sept. 12, 1956 Date Completed Sept. 17, 1956

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



NW 1/4 Sec. 17, T. 13, R. 16

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

tent estimate approximate lengths of periods of use

Estimated at 500 miner's inches; water used for irrigation on all of Sec. 17, Twp. 13, N. Rgo. 16, East, and livestock use, domestic use and any other uses; water used year round.

Signature of Owner

Date April 13, 1967

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

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

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

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

9356

COPY

State of Missouri, }
County of Perryas. } ss.
Filed APR 17 1962 19
at 10:45 o'clock P.M.
May Nathan
County Clerk and Recorder

\$2.00 pr

Township No. **13, N.** Range No. **16** East Meridian.

	1						1
36	2 31	32	33	34	35	36	2 31
	3						3
	4						4
4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1
	5 6	5	4	3	2	1	5 6
	6						6
	7						7
12	2 7	8	9	10	11	12	2 7
	3						3
	4						4
13	2 18	17	16	15	14	13	2 18
	3						3
	4						4
24	2 19	20	21	22	23	24	2 19
	3						3
	4						4
25	2 30	29	28	27	26	25	2 30
	3						3
	4						4
36	2 31	32	33	34	35	36	2 31
	3						3
	4						4
4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1
	5 6	5	4	3	2	1	5 6
	6						6
	7						7

One dam on NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 17, Twp. 13, N. Rge. 16, East

Area irrigated

GW3

File No. 9352

T. 13 NR. 16 E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater September 10, 1943

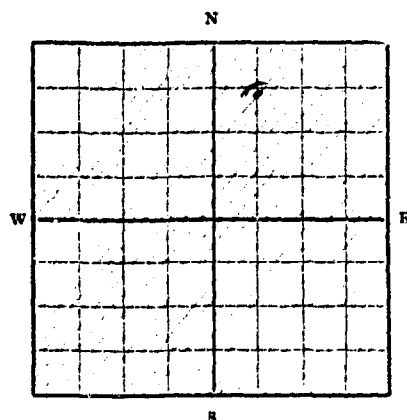
Owner Burton Wright Address Moore, Montana

Contractor (if any) Burton Wright

Address of Contractor Moore, Montana

Date Started Sept. 1, 1943 Date Completed Sept. 10, 1943

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



NW 1/4 NE 1/4 Sec. 17, T. 13, R. 16

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

Estimated at 500 miner's inches; water used for irrigation on all of Section 17, Township 13 N., Range 16 E., and livestock use, domestic use and any other uses; water used year round

Signature of Owner Burton Wright

Date April 13, 1962

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

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

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

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

9352

COPY

State of Montana }
County of Fergus } ss.

Filed APR 17 1962
at 10:45 o'clock P.M.

Ernest R. Kithman
County Clerk and Recorder

#2-1-1

Township No. 13 N. Range No. 16 E Meridian.

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Dam and Springs on NW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 17
Area irrigated

GW3

File No.

9353

T. 13 N. R. 16 E.

DUPLICATE

County Fergus

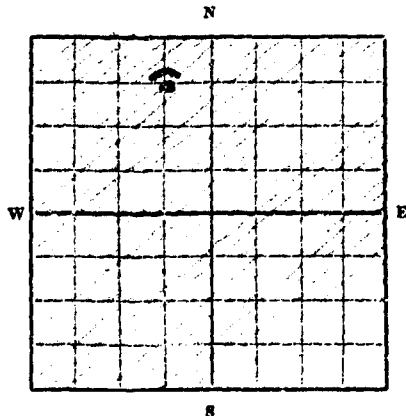
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater September 17, 1957Owner Burton Wright Address Moore, MontanaContractor (if any) Burton WrightAddress of Contractor Moore, MontanaDate Started Sept. 8, 1957 Date Completed Sept. 17, 1957

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

NE 1/4 NW 1/4 Sec. 17 T. 13 R. 16

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

Estimated at 500 miner's inches; water used for irrigation on all of Section 17, Twp. 13 N. Rgs. 16 E., and livestock use, domestic use and any other uses; water used year round

Signature of Owner

Date April 13, 1962

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

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

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

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

9353

COPY

County of ...
County of ...
Filed APR 17 1962
at 10:45 o'clock A.M.
Wm. R. ...
County Clerk and Recorder

20-ju

Township No. 13 N Range No. 16 E Meridian.

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• Dam and Springs on NE $\frac{1}{4}$ of NW $\frac{1}{4}$ Sec. 17

• Irrigated area

This declaration is made under the Montana
Surface and Subsurface Rights Act, Chapter 237,
Montana Session Laws, 1961.

T 13 N. R. 16, E.

County Fergus

ONTANA

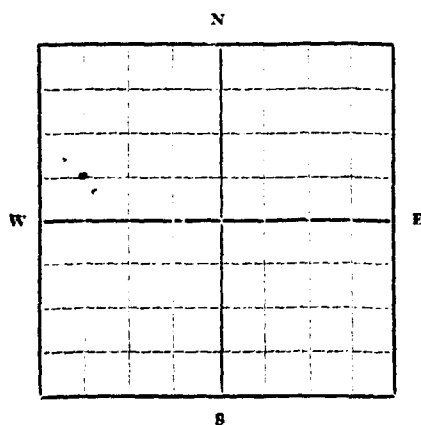
GROUNDWATER CODE

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Vera Ruth Gorman, of Moore,
(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:



Lot 26 Sec 18 T. 13 R. 16

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 Irrigation,
livestock use, domestic use and any other uses.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 25, 1910; water
used continuously since - year round use.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Estimated at 500 miner's inches;
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 SE 1/4 of Sec. 18, Twp. 13, N. Rge. 16, E.,
Judith Basin County, owned by Vera Ruth Gorman
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal sub-irrigation and power pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced September 10, 1910; completed September 25, 1910.
8. The depth of water table Unknown
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 See No. 4 above.
10. The estimated amount of groundwater withdrawn each year See No. 4 above.
11. The log of formations encountered in the drilling of each well if available None
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Vera Ruth Gorman

Date May 16, 1962

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

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

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

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Filed for record this 16th
day of May A. D. 1962 at
2:36 o'clock P.M.

by Betty C. Brown Dec
Fee \$2.00 pd.

Township 13 N.

Range 16

East Meridian

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File No. 9271

T 13, N. R. 16, E.

DUPLICATE

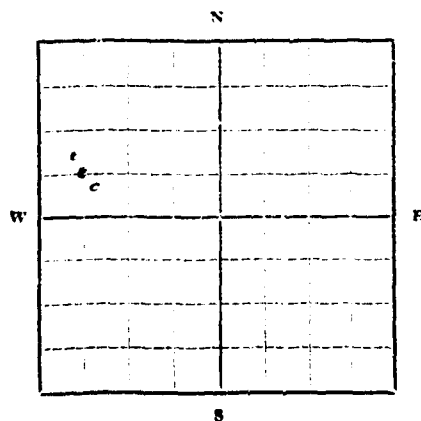
County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Vera Ruth Gorman** of **Moore, Montana**
(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:



Lot 24 Sec. 13 T. 13 R. 16

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 **Irrigation, livestock use, domestic use and any other uses.**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **September 25, 1910; water used continuously year round.**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **Estimated at 500 miner's inches;**
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 **SE 1/4 of Sec. 13, Twp. 13, N. Rgs. 15, E., belonging to Vera Ruth Gorman**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **sub-irrigation and power pump**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **Commenced Sept. 10, 1910 - Completed - Sept. 25, 1910**
8. The depth of water table **Unknown**
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 **See No. 6 above.**
10. The estimated amount of groundwater withdrawn each year **See No. 4 above.**
11. The log of formations encountered in the drilling of each well if available **None**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. **None**

Signature of Owner: *Vera Ruth Gorman*

Date **May 16, 1962**

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

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

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

9771 COPY

State of Montana,
County of Fergus. } ss.

Filed MAY 16 1962 15

at 2:15 o'clock P. M.
May Rothman
County Clerk and Recorder

\$20.00

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Section No. 13

Range No. 16

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Springs on Lot 2, Sec. 18, Twp. 13, N. Rge. 16

Area irrigated (Judith Basin County)

17485

18

File No.

T. 13N. R. 16E

DUPLICATE

County Fergus

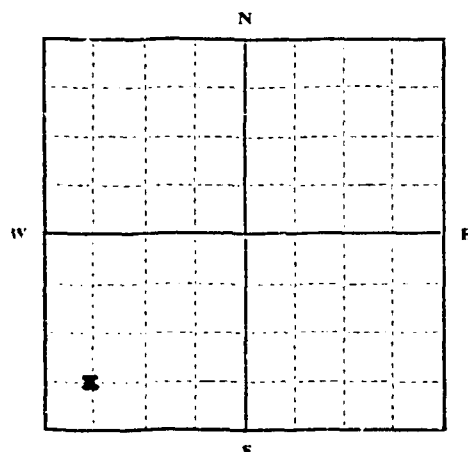
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

R
1963 1964
STATE ENGINEER

1. Manford Hannah of Straw
(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:



$\frac{1}{4}$ Sec. 18 T. 13N. R. 16E

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

2. The beneficial use on which the claim is based domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1939. Used continuously since that time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) estimated 4 gallons per minute
Claim and use all water flowing from spring
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 dug well estimated 30 feet deep. Pumped from well by means of mechanical pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1939
8. The depth of water table about 30 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 not applicable
10. The estimated amount of groundwater withdrawn each year estimated 65,000 gallons
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Manford Hannah

Date December 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.

18457

17485

COPY

State of Montana,
County of Fergus } ss.

Filed _____ DEC 1 1963
at 8:30 o'clock A. M.
\$2.00 pd MAY RATHBUN
County Clerk and Recorder

File No. 17483

DUPLICATE

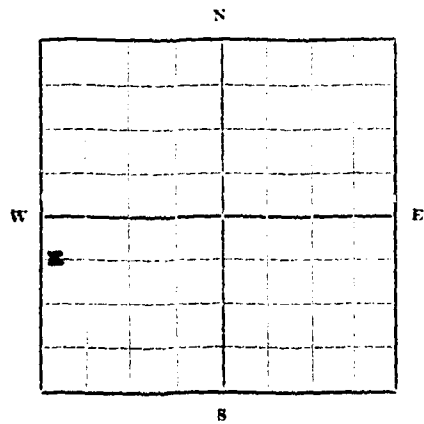
T 13N R16E

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Manford Hannah of Straw
(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:



1/4 Sec. 18 T. 13N R. 16E

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 1930. Used continuously since that time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) estimated 3 gallons per minute
Claim and use all water flowing from spring
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 group of natural springs which ultimately flow into basin
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Use of springs began about 1930 and have been improved at various times since
8. The depth of water table Ground level (flowing springs)
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater not applicable
10. The estimated amount of groundwater withdrawn each year estimated 60,000 gallons
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Manford Hannah
Date December 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.

18955

17483

State of Montana, } ss.
County of Fergus }

COPY

Filed DEC 3 1 1963

at 8:30 o'clock A.M.

\$2.00 MAY BATHBUN
County Clerk and Recorder

GW3

File No. **9362**

DUPLICATE

T. **13**, NR. **16**, E.County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

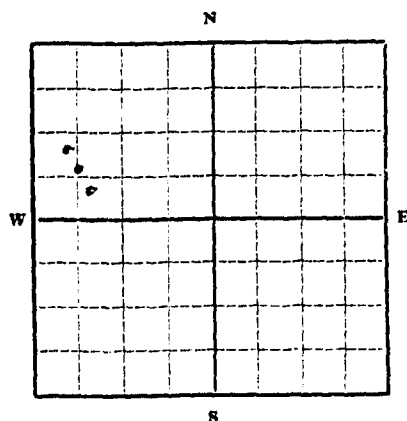
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater **September 25, 1910**Owner **Burton Wright** Address **Moore, Montana**Contractor (if any) **Ira L. Wright, deceased**

Address of Contractor

Date Started **Sept. 10, 1910** Date Completed **Sept. 25, 1910**

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

Lot **2 1/2** Sec. **18** T. **13** R. **16**

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

tent estimate approximate lengths of periods of use

Estimated at 500 million inches; water used for irrigation on SE 1/4 of Sec. 18, Twp. 13, N. Rgs. 15, E., Judith Basin County, and livestock use, domestic use and any other uses; water used year round.

Signature of Owner

Date **April 13, 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 School of Mines and Quadruplicate for the Appropriator.

9362

COPY

County of Montana. } ss.
County of Fergus.

Filed APR 17 1962 19

at 10:45 o'clock A.M.

Wm. R. Peterson
County Clerk and Recorder

920 pt.

Township No. 13 Range No. 16 East Meridian.

	1						1
36	2 31	32	33	34	35	36	2 31
	3						3
	4						4
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	5 6	5	4	3	2	1	5 6
	6						6
	7						7

Springs on Lot 2, Sec. 18, Twp. 13, N. Rge. 16

Area irrigated (Judith Basin County)

File No. **4365**

T **13**, N. R. **16 E.**

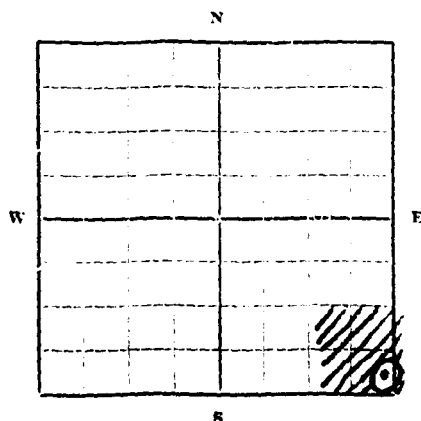
DUPLICATE

County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **Burton Wright** of **Moore**
(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:



SE 1/4 Sec. 18, T. 13 R. 16

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, irrigation and other uses.**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been **Continuously used since 1908.**

4. The amount of groundwater claimed (in miner's inches or gallons per minute) **300 miner's inches.**

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 **SE 1/4 Sec. 18, Twp. 13, N. Rgn. 16, E. Burton Wright**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **750-gallon an hour power pumps**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **See No. 3 above**

8. The depth of water table **30 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 **30 feet deep, 4 feet diameter**

10. The estimated amount of groundwater withdrawn each year **See No. 6 above**

11. The log of formations encountered in the drilling of each well if available **None**

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

Signature of Owner

Burton Wright

Date **April 12, 1962**

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

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

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

9365

COPY

APR 17 1962
10:45 a.m. A. H.
Mary Rattliff
County Clerk and Recorder
4200-ph

File No. 9351T. 13, N. R 18, E.

DUPLICATE

County Fergus

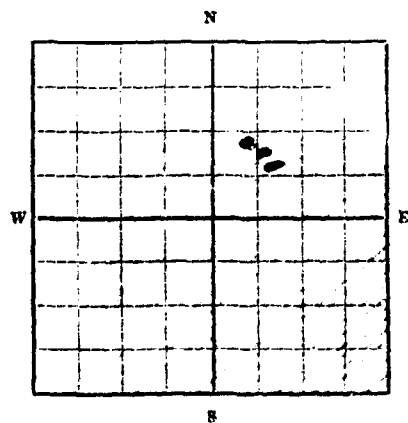
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater October 10, 1917Owner Roland Wright Address Moore, MontanaContractor (if any) M. G. WrightAddress of Contractor Moore, MontanaDate Started Oct. 1, 1917 Date Completed Oct. 10, 1917

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

SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18, T. 18, R. 16.

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

Estimated at 500 miner's inches; water used for irrigation on S $\frac{1}{2}$ N $\frac{1}{2}$ and S $\frac{1}{2}$ of Sec. 18, Twp. 18, N. Rge. 16, E., and livestock use, domestic use and any other uses; water used year round.

Signature of Owner Roland Wright
Signature of Owner

Date April 12, 1962

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

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

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

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

9351

COPY

County of ...
City of ...

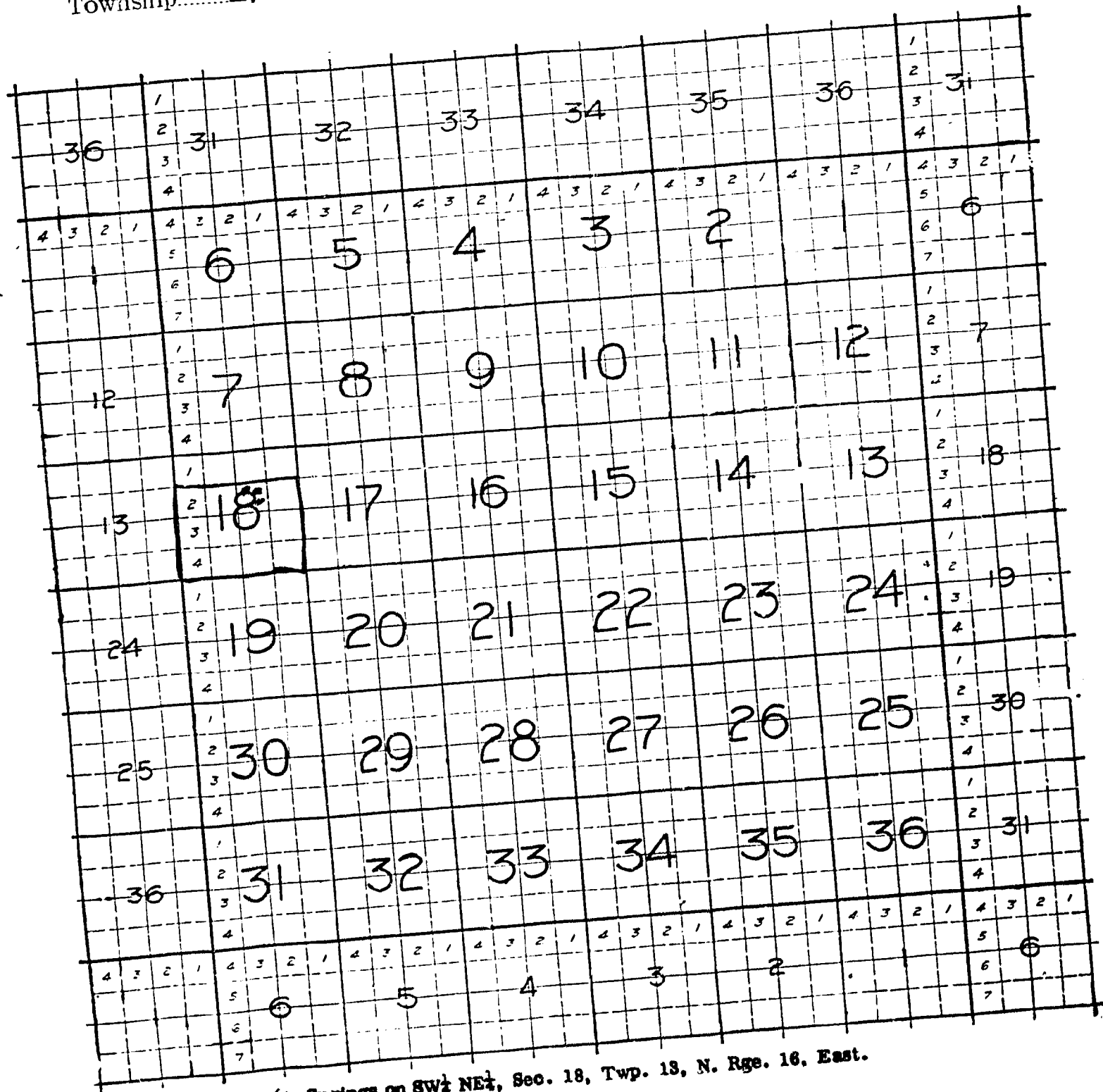
Filed APR 17 1962

At 10:45 o'clock A. M.

Mary Kathleen
County Clerk and Recorder

*200 pl.

Township 13, N. Range 16 East Meridian



Spring on SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 18, Twp. 13, N. Rge. 16. East.

Area irrigated

Printed and For Sale by The Daily News, Lewistown, Montana

File No. **17484**

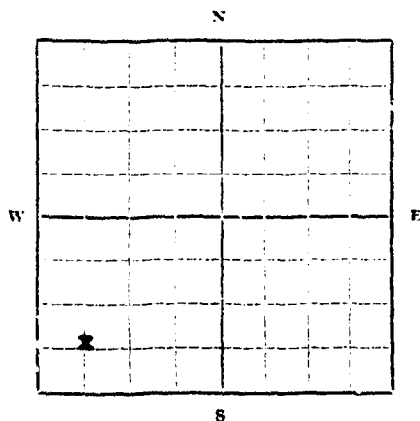
DUPLICATE

T. **13N** R. **16E**County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **Manford Hannah** of **Straw**
(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:



$\frac{1}{4}$ Sec. **18** T. **13N** R. **16E**

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

2. The beneficial use on which the claim is based **domestic use and stockwater**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1952. Used continuously since that time**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **estimated 10 gallons per minute**
Claim and use **all water flowing from spring.**
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 **drilled well estimated 465 feet deep. Water pumped by mechanical means**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **1952**
8. The depth of water table **about 465 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 **not applicable**
10. The estimated amount of groundwater withdrawn each year **estimated 75,000 gallons**
11. The log of formations encountered in the drilling of each well if available **none**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record **none**

Signature of Owner

Date **December 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.

18956

17484

COPY

State of Montana, }
County of Fergus }

Filed DEC 3 1953
at 8:30 o'clock A. M.
\$2.00 Pd MAY RATHBUN
County Clerk and Recorder

File No. **9363**

DUPLICATE

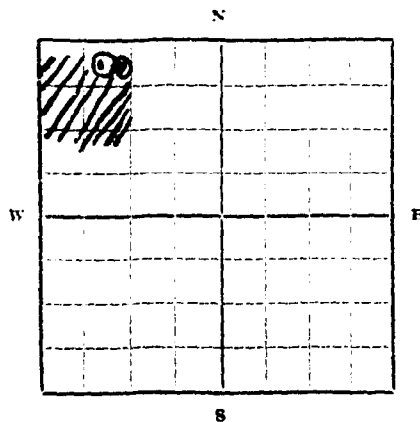
T. **13** NR. **16** E.

County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **Roland Wright** of **Moore**
(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. 19, T. 13, R. 16

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, irrigation and other uses**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **Continuously used since 1935.**
(Dug well) Continuously used since 1904.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **300 miner's inches**
(Dug well) 300 miner's inches
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 **NW 1/4 NW 1/4, Sec. 19, Twp. 13, N. Rge. 16, E.**
(both wells)
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **750-gallon an hour power pumps (both wells)**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **See No. 3 above**
8. The depth of water table **130 feet** **(Dug well) 60 feet**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **130 feet deep, 4 inches diameter**
(Dug well) 60 feet deep by 5 feet diameter
10. The estimated amount of groundwater withdrawn each year **See No. 6 above**
11. The log of formations encountered in the drilling of each well if available **None**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record **None**

Signature of Owner **Roland Wright**

Date **April 12, 1962**

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

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

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

9363

COPY

State of Montana, } ss.
County of Fergus }

Filed APR 17 1962 19

at 10:45 o'clock A.M.

May Rathbun
County Clerk and Recorder

8200

File No. 17486T 13N R16E

DUPLICATE

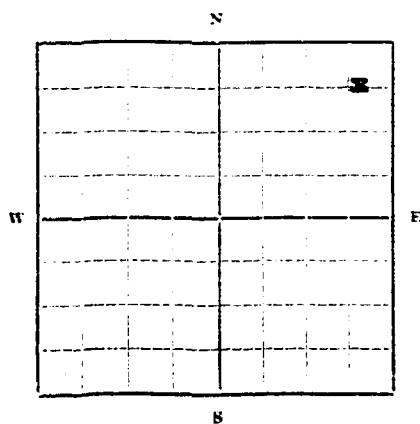
County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Manford Hannah of Straw
(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:



1/4 Sec. 20 T. 13N R. 16E

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 1951. Used continuously since that time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 gallons per minute estimated
claim and use all water flowing from spring
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 drilled well estimated 35 feet deep. Pumped from well by mechanical pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1951
8. The depth of water table about 35 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 not applicable
10. The estimated amount of groundwater withdrawn each year estimated 65,000 gallons
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Date December 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.

18958

17486

State of Montana,
County of Fergus.

COPY

Filed DEC 31 1963
at 8:30 o'clock A.M.
\$2.00
MAY RATHBUN
County Clerk and Recorder

17423

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

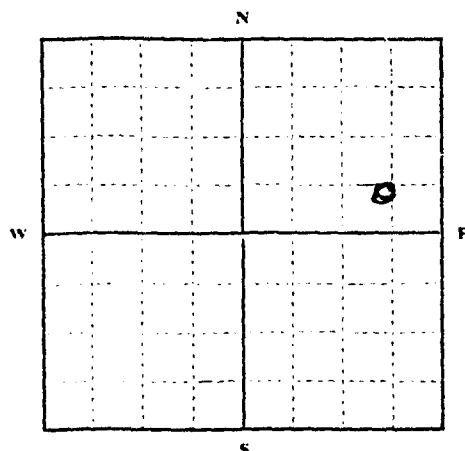
T₁₃ R₁₆
County Fergus

JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. J. C. Hannish of Moore Montana
(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:



se 1/4 ne 22 T. 13 R. 16

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.
1890 and continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
20 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.
Not Applicable

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

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

Not applicable

8. The depth of water table.

Not applicable

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

Not Applicable

10. The estimated amount of groundwater withdrawn each year. 10,512,000 Gallons

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

Not applicable

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

Not applicable

Signature of Owner J. C. Hannish
Date 12/30/63

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

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

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

17341

17423

COPY

Filed DEC 30 1962
at 4:20 o'clock P.M.
87-00 MAY 1963
Pd County Clerk and Recorder

File No. **16874**

DUPLICATE

T. R.

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

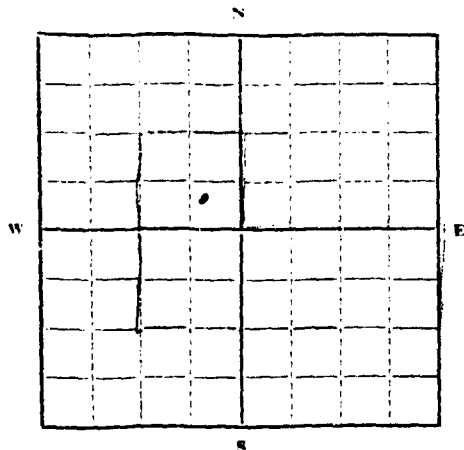
RECEIVED
DEC 23 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. William H. Hester of Moore
(Name of Appropriator) (Address) (Town)
County of Beaver State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW Sec. 34 T. 13. R. 11

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 Local Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been At least 5 years
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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Plastic Pipe Gravity Flow
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Start 1961, completed 1962, this spring
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 2,000,000 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 William H. Hester

Date December 17, 1962

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

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

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

11356

16874

COPY

State of Maryland, } ss.
County of Prince George's
Filed _____ 19____
at 2:30 o'clock P. M.
Mary Fletcher
County Clerk and Recorder

42-10-1

Declaration of Vested Groundwater Rights

1. Harford Hanna of Stras
(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:

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

- Signature of Owner _____

Date: December 30, 1963

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.

18960

File No. 17424

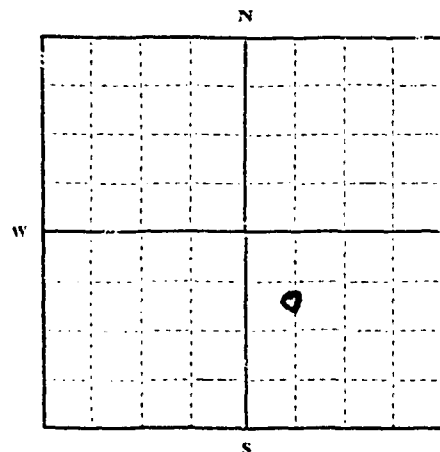
DUPLICATE

T. 13 R. 16
County FERGUSSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 2 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(under Chapter 237, Montana Session Laws, 1961)

1. J. C. HAMM, of MOORE
(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 Sec 28 T. 15 R. 16Indicate 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 WATER3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been.....1890 and continuous since4. The amount of groundwater claimed (in miner's inches or gallons
per minute).....10 gallons a minute5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereofNot Applicable6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.....FLOWING SPRING7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater.....Not Applicable

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

Not Applicable9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater.....Not Applicable10. The estimated amount of groundwater withdrawn each year..... 5,256,000 Gallons

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

Not Applicable12. 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 Applicable

Signature of Owner.....

J. C. Hamm
Date 12/30/63Three 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.

17342

17424

Not a Notary } es.
Not a Notary }

COPY

Filed DEC 30 1904 19
at 4:20 o'clock P.M.

87.00

Pd.

MAY RATHBUN
County Clerk and Recorder

File No. 17487T. 13N R. 16E

DUPLICATE

County Fergus

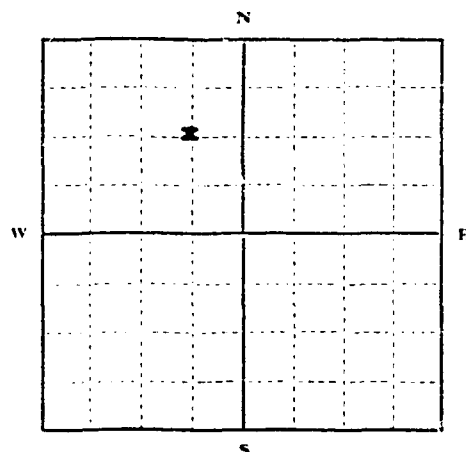
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

R
JAN 8 1964
STATE

1. Manford Hannah of Straw
(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:



1/4 Sec. 28 T13N R16E

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. 1933. Used continuously since that time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). estimated 5 gallons per minute
claim and use all water flowing from spring
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. small group of springs which have been improved by digging them out
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. spring used beginning about 1933 and have been improved at various times by digging them out
8. The depth of water table. ground level (flowing springs)
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. not applicable
10. The estimated amount of groundwater withdrawn each year. estimated 50,000 gallons
11. The log of formations encountered in the drilling of each well if available. none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. none

Signature of Owner

Manford Hannah

Date December 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.

18959

17487

State of Montana, }
County of Fergus. } ss.

COPY

Filed..... DEC 7 1953 19
8:30 o'clock A.M.
206 MAY RATHBUN
County Clerk and Recorder

File No.

T. 13 R. 16

DUPLICATE

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

MAY 14 1964

Top of Ground

(Elev. above sea level 4200)

Notice of Completion of Groundwater
Appropriation by Means of Well

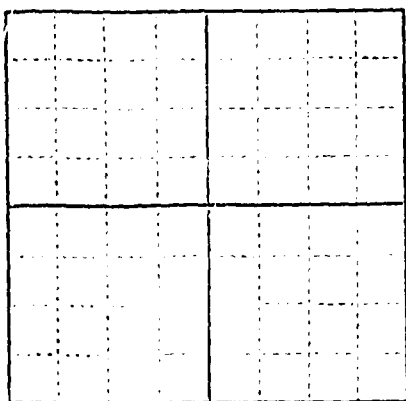
(Under Chapter 237, Montana Session Laws, 1961)

Owner Burton Roland Wright and Address Moore, MontanaDriller K. Misamore Address Heath, MontanaDate of Notice of Appropriation of Groundwater 1961Date well started Sept. 1963 Date Completed Mar. 1, 1964Type of well Artesian Equipment Used Rotary
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Stock ☒

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

(SEE ATTACHED)

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 5/8"	4 1/2" 7 1/2# per foot	Ground level	1552	Slots 1/4x4	1300 1490	1329 1530



SE 1/4 SE 1/4 29 13 16

1/4 Sec. T. R.

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

Show exact depth of bottom.

Static Water Level for non-flowing Well Does not apply feet.Shut-in Pressure for Flowing Well 65 lbs.Pumping Water Level Artesian flow feet at 15 gal. per minute.Discharge in gal. per min. of flowing well 15 gals. per minuteHow Tested Measure Length of Test One week

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) 40 Acres

No. 144
Driller's License Number

Driller's Signature

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

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

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

38.88

WATER WELL DRILLING

Apr 30 1964

K. MISAMORE
CONTRACTOR
HEATH, MONTANA

ESTIMATES GIVEN ON PUMPS AND CASINGS

Log of well at Roland
Wright Ranch at Straw

PHONE KEYSTONE 8-9708

0 to 4	soil
4	18 gravel
18	28 yellow clay
28	34 gravel
34	36 rotten shale Blue
36	520 Black shale. Hard
520	670 Bentonite shale
670	750 limy shale
750	lost mud. water. 7 hrs
750	768 mud y shale very soft & pumped out pieces
768	895 shale gray sticky
895	990 sandy shale gray
990	1007 Blk shale + Bentonite
1007	1080 Blk shale gyps. sum & Bentonite
1080	1086 Very soft shale
1096	1190 lost circulation empty & put two times - 2000 gals mud & cutting
1190	1243 Hard & soft places had to redrill pieces of shale like corn pumped out of hole (hard)
1243	1295 Very Blk shale with Bentonite seams
1295	1322 sand white core water run 34 gal a min.

1322	1332 gray shale
1332	1347 red & gray shale
1347	1359 red gray + Black shale Blk. & laky with a fine Red sand
1359	1390 Hard & soft dark gray w/ white & green shale
1390	1420 gray shale & white sand Blk.
1420	1435 gray w/ very little red. Blk. flakes shale. Hard.
1435	1445 Tan gray & pink mixed shale. Hard.
1445	1450 white sandy shale with green shale & limy. Hard.
1490	1496 gypsum.
1496	1490 Very red & hard limy shale. Water
1490	1500 white sandy shale
1510	1515 sand white water
1515	1520 shale lite red white & black.
1520	1530 sand white
1530	1550 pale red white & black shale hard.
1550	1560 Black & white
1560	1595 sand gypsum w/ Black & white limy shale

WELL DRILLING

ESTIMATES GIVEN ON PUMPS AND CAGES

Apr 30 1964

K. MISAMORE
CONTRACTOR
HEATH, MONTANA

Log of well at Roland
Wright Ranch at Stone

PHONE KEYSTONE 8-9706

1595	1607 gypsum took mud.
1607	1630 Red lime
1630	1710 Red gray blk purple shale drilled good.
1710	1720 coal
1720	1850 gray shale
1850	1865 Very hard sand blk to gray swift sandstone
1865	1907 gray lime & shale. mud had a strong sulphur smell.

Casing 4 1/2 gal 7 1/2 lb
set at 1300 commenced
with 15 sacks cement.
liner set 1552.

Perforated at 1300 to 1329
1490 to 1530
Bottom half
joint

To Misamore

Contractor

License No 144.

as complied with the
state water Board.

Total of 11 bits
used. 4 ~~bits~~ were
used in the last
425 feet.

Bottom 1907 in Ellis
shale.

hole flowing approx 6 gal
a min of (iron water red)

from 1510 to 1515
1515 to 1530 and
1490. I think

19280

COPY

State of Montana,
County of Fergus.

Filed MAY 13 1964

at 2:40 o'clock P.M.

May Rothman
County Clerk and Recorder

*203 ps

GW 3

File No. **4349**

T. **13 N. R. 16 E.**

DUPLICATE

County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

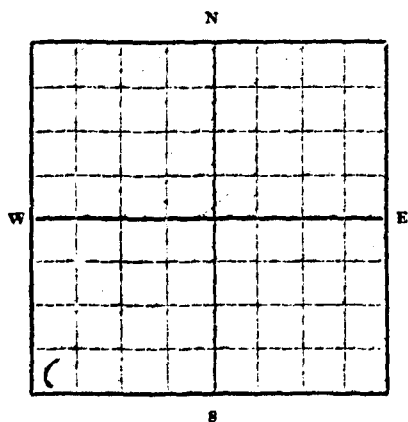
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater **September 15, 1947**
Owner **Burton Wright and Roland Wright** Address **Moore, Montana**
Contractor (if any) **Fred Biehl**
Address of Contractor **Lewistown, Montana**

Date Started **Sept. 1, 1947** Date Completed **Sept. 15, 1947**

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



SW 1/4 Sec. 29, T. 13 R. 16

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

Estimated at 1500 miner's inches; water used for irrigation on E 1/2 of Sec. 24, and E 1/2 of Sec. 25, Twp. 13, N. Rge. 16, E., and also on All of Sections 29 and 30 and N 1/2 N 1/2 of Sec. 31, Twp. 13, N. Rge. 16, E., and livestock use and any other uses; water used year round.

Signature of Owner **Burton Wright**
Signature of Owner **Roland Wright**
Date **April 15, 1948**

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

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

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

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

9349 COPY

State of Montana } ss.
County of Fergus }

Filed APR 17 1962 19
at 10:45 o'clock A.M.

Wesley Rathbun
County Clerk and Recorder

420 pm

Township 13 Range 16 East Meridian

	1						1
36	2 31	32	33	34	35	36	2 31
	3						3
	4						4
4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1
	5 6	5	4	3	2	1	5 6
	6						6
	7						7
12	2 7	8	9	10	11	12	2 7
	3						3
	4						4
	1						1
13	2 18	17	16	15	14	13	2 18
	3						3
	4						4
	1						1
24	2 19	20	21	22	23	24	2 19
	3						3
	4						4
	1						1
25	2 30	29	28	27	26	25	2 30
	3						3
	4						4
	1						1
36	2 31	32	33	34	35	36	2 31
	3						3
	4						4
4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1	4 3 2 1
	5 6	5	4	3	2	1	5 6
	6						6
	7						7

(One dam on SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 29, Twp. 13, N. Rge. 16, East.

Area irrigated

No. 1013 9-60 2M

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