

GROUNDWATER INDEX

Page 1 of 1

County Ravalli Twp. 5 North Rge. 19 West

[illegible]

File No.

T. 5N R. 19W

DUPLICATE

County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 31 1963

STATE ENGINEER

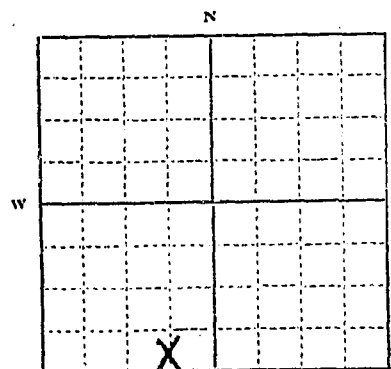
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1940
Owner Bitter Root Stock Farm, Inc. Address Box 271 Hamilton, Montana

Contractor (if any) NoneAddress of Contractor NoneDate Started 1940 Date Completed 1940

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

Natural Spring

(Head of Middle Fork)
5N 1/4 Sec 3 T. 5N R. 19W

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

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

10-40 gallons per minute

Signature of Owner Bitter Root Stock Farm, Inc.
Clare Conley
Office Manager
Date Dec. 26-1963

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.

16796

2298

I certify that I received and filed this
instrument on this 27
day of Dec, 1963, at 2:48
o'clock P.M.

F. L. Moore
COUNTY RECORDER

DEPUTY

RECEIVED
1963 DEC 27
CLERK

File No. 2080

T 5N R 19W

DUPLICATE

Ravalli County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

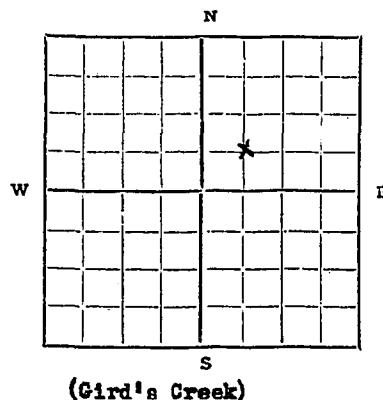
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 26 1963

STATE ENGINEER

1. Bitter Root Stock Farm, Inc. of Box 271 Hamilton, Montana
(Name of Appropriator) (Address) (Town)

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



SW 1/4 NE 1/4 Sec. 5 T. 5N. R. 19W

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 & Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 22-1959
continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 80 Gallons per hour
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 Hand pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 22-1959
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 45 feet deep - 27 feet of 6" casing
10. The estimated amount of groundwater withdrawn each year 25,000 to 35,000 gallons
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Not available

Bitter Root Stock Farm, Inc.

Signature of Owner [Signature]

Date 12-16-1963

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.

12564

I certify that I received and filed this
instrument on this.....20th
day of.....Dec. 19 63.....at 4:11
o'clock.....P.....N.

F. S. Moore
COUNTY RECORDER

By.....DEPUTY

RECORDED
INDEXED
DEC 20 1963
COUNTY CLERK

File No.

T. 5N R. 19W

DUPLICATE

County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

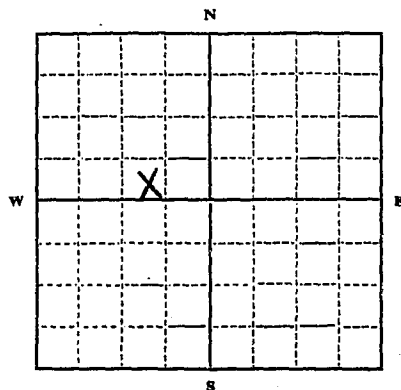
STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1940Owner Bitter Root Stock Farm, Inc.
Address Box 271 Hamilton, MontanaContractor (if any) NoneAddress of Contractor NoneDate Started 1940 Date Completed 1940

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

Natural SpringNW 1/4 Sec. 6 T. 5N R. 19WIndicate 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 continuousestimated 10-40 gallons per minuteSignature of Owner Bitter Root Stock
Manager *[Signature]*Date Dec. 24-1963

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.

16787

2290

I certify that I received and filed this
instrument on this 27
day of Dec., 1963, at 2:40
o'clock P. M.

F. H. Moore
COUNTY RECORDER

By _____
DEPUTY

File No.

T. 5N R. 19W

DUPLICATE

County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

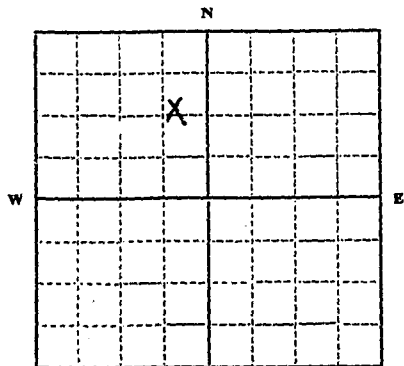
JAN 8 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1940Bitter Root Stock Farm, Inc.Owner. Address Box 271-Hamilton, MontanaContractor (if any) NoneAddress of Contractor NoneDate Started 1940 Date Complete 1940

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

Natural Spring(Cotton Wood^s Spring)NW 1/4 Sec. 8 T. 5N R. 19W

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 continuous10-40 gallons per minuteBitter Root Stock Farm, Inc.Signature of Owner ManagerDate Dec. 24-1963

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.

27360

#2552

I certify that I received and filed this
instrument on this 30th
day of Dec. 1963 at 1:59
o'clock P. M.

F. H. Moore
COUNTY RECORDER
By Shirley Keith
DEPUTY

9

File No.

T. 5N R. 19W

DUPLICATE

County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 31 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... 1940
Bitter Root Stock Farm, Inc.
Owner..... Address. Box 271-Hamilton, Montana

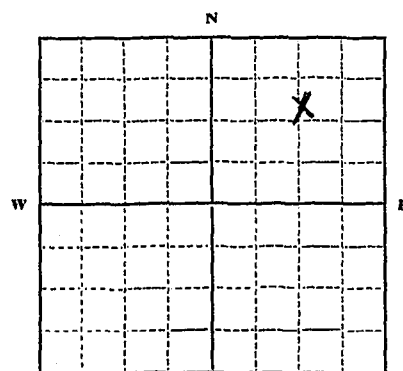
Contractor (if any) None

Address of Contractor None

Date Started..... 1940 Date Completed..... 1940

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

Natural Spring



(middle Fork)

NE 1/4 Sec. 9 T. 5N R. 19W

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

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

estimate approximate lengths of periods of use..... continuous

10-40 gallons per minute

Bitter Root Stock Farm, Inc.

Signature of Owner..... Manager

Date..... Dec. 2-1963

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.

16797

2299

I certify that I received and filed this
instrument on this 27
day of Dec, 19 63, at 2:49
o'clock P.M.

F. G. Moore
COUNTY RECORDER

DEPUTY

RECORDED
JAN 3 1964

File No.

T. 5N R. 19W

DUPLICATE

County Revalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 31 1963

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

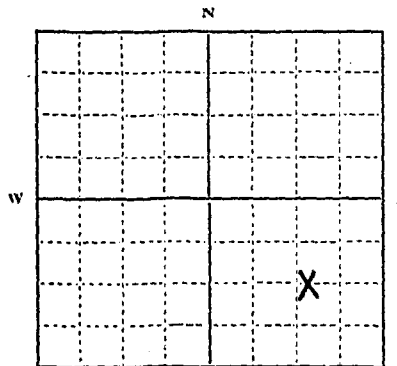
STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1940
Owner Bitter Root Stock Farm, Inc.
Address Box 271-Hamilton, Montana

Contractor (if any) NoneAddress of Contractor NoneDate Started 1940 Date Completed 1940

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

Natural Spring

(Soap Creek)

SE $\frac{1}{4}$ Sec. 9 T. 5N R. 19W

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 continuous10-40 gallons per minute

Signature of Owner Bitter Root Stock Farm, Inc.
Office Manager

Date Dec. 26-1963

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.

16795

2297

I certify that I received and filed this
instrument on this 27
day of Dec. 19 63 at 2:47
o'clock P.
F. S. Moore
COUNTY RECORDER

By _____ DEPUTY

17

File No.

T. 5N R. 19W

DUPLICATE

County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 31 1963

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1940

Owner Bitter Root Stock Farm, Inc.
Address Box 271-Hamilton, Montana

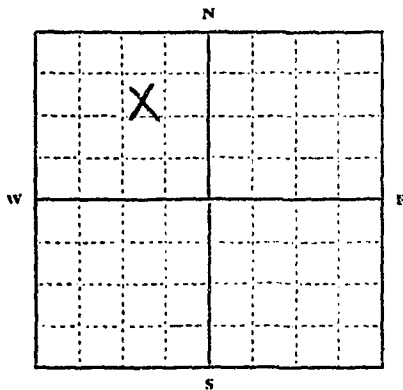
Contractor (if any) None

Address of Contractor None

Date Started 1940 Date Completed 1940

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

Natural Spring



NW 1/4 Sec. 17 T. 5N R. 19W

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

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

estimate approximate lengths of periods of use continuous

10-40 Gallons per minute

Signature of Owner Bitter Root Stock Farm, Inc.

Office Manager
Date Dec. 26-1963

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.

16793

2295

I certify that I received and filed this
instrument on this 27
day of Dec 19 63, at 2:45
o'clock P.M.

F. S. Moore
COUNTY RECORDER

By _____
DEPUTY

File No.

T. 5N R. 19W

DUPLICATE

County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

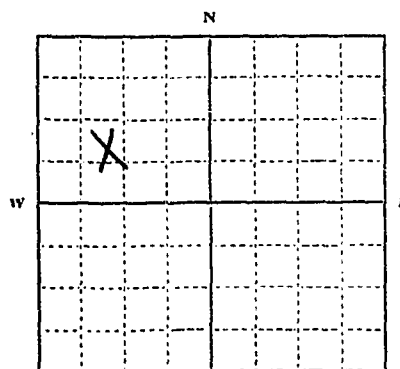
DEC 31 1963

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1940Bitter Root Stock Farm, Inc.Owner Box 271-Hamilton, MontanaContractor (if any) NoneAddress of Contractor NoneDate Started 1940 Date Completed 1940

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

Natural SpringNW 1/4 Sec. 18 T. 5N R. 19W

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

estimate approximate lengths of periods of use continuous10-40 gallons per minuteSignature of Owner Bitter Root Stock Farm, Inc.
Office ManagerDate December 26-1963

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.

2296

I certify that I received and filed this
instrument on this 27
day of Dec, 1963, at 2:46
o'clock P.M.

F. H. Moore
COUNTY RECORDER

DEPUTY

18

File No.

DUPLICATE

T. 5N R. 19W
County Beaverhead
DEC 31 1963

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... 1940
Owner... Bitter Root Stock Farm, Inc.
Address... Box 271-Hamilton, Montana

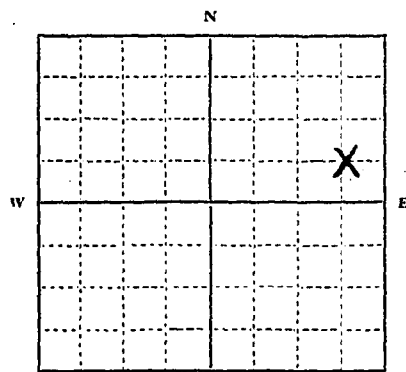
Contractor (if any) ... None

Address of Contractor ... None

Date Started... 1940 Date Completed... 1940

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

Natural Spring



NE 1/4 Sec. 18 T. 5N R. 19W

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

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

estimate approximate lengths of periods of use... continuous

10-40 gallons per minute

Signature of Owner... Bitter Root Stock Farm, Inc.
Office Manager
Date... December 26-1963

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.

16792

2294

I certify that I received and filed this instrument on this 27 day of Dec, 1963, at 2:44 o'clock P.M.

0 CIOCA.....
F. G. Moore
 COUNTY RECORDER

DEPUTY

100-443887-100

GW 2

File No. 1667T 5N R 19W

DUPLICATE

Ravalli County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner USDA, Forest Service Address Hamilton, Montana
229 E. Orr St.Driller Carl F. Hollensteiner Address Dillon, MontanaDate of Notice of Appropriation of Groundwater ---Date well started 2/3/62 Date Completed 2/8/62Type of well drilled Equipment Used drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic (X) Municipal () Stock () Irrigation ()
Industrial () Drainage () Other ()

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6" I.D. seamless steel 18.5 lbs. per ft.	0	30	N	O N E	

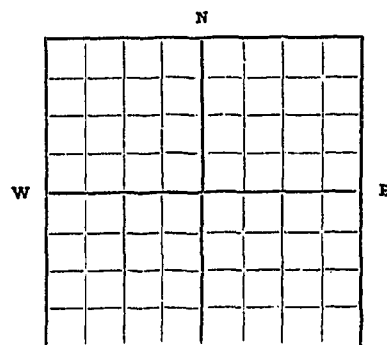
0' Top of Ground
(Elev. above sea level 4500)

0' to 3' surface dirt and
clay bound sand, gravel

Sand, clay and gravel, some
boulders
Trace water at 20'

30' finished in coarse
sand, fine gravel, bales
at least 30 g.p.m.

Bottom 30'



Black Bear Camp 5N
SE 1/4 Sec. 24 T. 34 R. 19W
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 8 feet.Shut-in Pressure for Flowing Well ---Pumping Water Level 10 feet at 30 gal. per minute.Discharge in gal., per min. of flowing well ---How Tested Bailer Length of Test 4 1/2

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)

Hand pump installation

Driller's License Number

Driller's Signature

Contract No. 12-11-261-1933

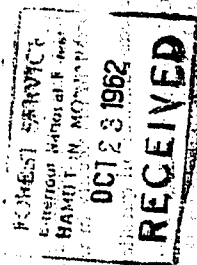
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

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

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

2330

#1667



I certify that I received and filed this
instrument on this 29th
day of Oct., 19 62, at 3:53
o'clock P. M.

Anthony Hork

COUNTY RECORDER

By Shirley Keith
DEPUTY

GW 2

File No. 1659T 5N R 19W

DUPLICATE

Ravalli County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 30 1962
STATE ENGINEER**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

0' Top of Ground
(Elev. above sea level 4500)

Static water level 6'

10' Sand, clay and gravel
Boulders to 25'

20'

30' 32' bottom of well
finished in coarse sand
and fine gravel

40'

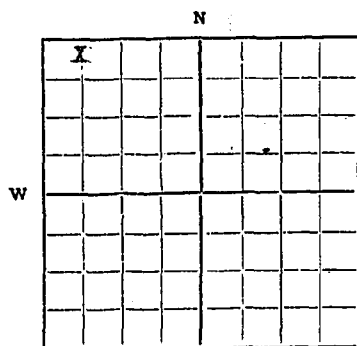
Owner USDA, Forest Service Address Hamilton, Montana
229 E. Orr St.Driller Carl F. Hollensteiner Address Dillon, Mont.Date of Notice of Appropriation of Groundwater ---Date well started 2/8/62 Date Completed 2/12/62Type of well drilled Equipment Used drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

Water Use: Domestic (X) Municipal () Stock () Irrigation ()

Industrial () Drainage () Other ()

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6" I.D. seamless steel 18.5 lbs. per ft.	0	32	N	0	N E

Black Bear Camp
NW 1/4 NW 1/4 Sec. 25 T. 5N. R. 19W

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 6 feet.Shut-in Pressure for Flowing Well ---Pumping Water Level 10 feet at 30 gal. per minute.Discharge in gal., per min. of flowing well ---How Tested bailer Length of Test 4 hrs.

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) ---Hand pump installationDriller's License Number 49Driller's Signature Carl F. Hollensteiner

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

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

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

2322.

#1659

OC 3 1962
RECEIVED

I certify that I received and filed this
instrument on this 29th
day of Oct., 19 62, at 3:45
o'clock P. M.

Anthony Hork

COUNTY RECORDER

By

Shirley Keith
FEBRUARY

GW3

File No.

DUPLICATE

T. 5 N R. 19 W. 28
County Bozorth

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 17 1964

Notice of Completion of Groundwater Appropriation Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner Mildred Curtis Address 102 N. 4th St.

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 water spring

600 gal an hour for

100 hundred Cattle

sub irrigation 102 acres.

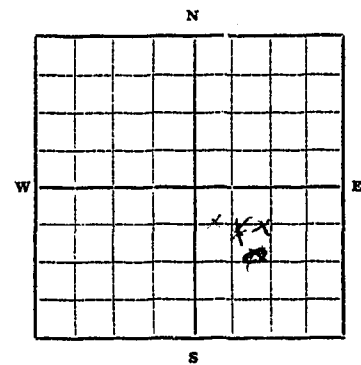
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

natural Water for

Cattle & sub-irrigation

Signature of Owner Mildred Curtis

Date Dec 30 1963



NW 1/4 Sec 28 T. 5 R. 19
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.

#2752

I certify that I received and filed this
instrument 3:01
day dec. 63 8:58
of 19
7. H. Moore
COUNTY RECORDER
By Shirley Keith
DEPUTY

5,762

#5743

I certify that I received and filed this
instrument on this 8th
day of Nov, 1972, at 10:55
o'clock A.M.
F. S. Moore
COUNTY RECORDER
By Fee 2.00
DEPUTY

GROUNDWATER INDEX

Page 1 of 2County RavalliTwp. 4 North Rge. 21 West

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	Jackson, LeRoy E. & Lorry		2802	
2	Jackson, Lucille & Porter Russell		2838	
2	Spauld, Jerome		2231	
2	Dentch, William R.	GW-2	5107	
2	Reynolds, Lester	GW-2	5188	
2	Wheaten, R. L. & Veronica	GW-2	174302	
2	Ham-Mont Egg Co.	GW-2	5425	
3	Eise, George H. & Betty J.	GW-3	2356	
3	Vitico, Darwin J.	GW-3	2285	
4	Oug, W. J. & Bertha A.		2091	
5	Hackney, H. & Virginia		2801	
7	Donath, Alva		4312	
9	McEntire, Alveda Marie Fay		3058	
9	Nahles, Edward T.	GW-2	5006	
9	Bae, Vernon K.		4272	
10	Lindquist, Clarence	GW-3	1727	
10	" "		4156	
10	Lindquist, Leonard G.		2486	
10	" "		2485	
10	Bourne, George	GW-2	5622	
10	Cooper, Beryl C.		3055	
10	Swanoff, Alex & Emma	Well Log		
10	David, H. H.	Well Log		
10	Van, Lila Edna	GW-4	4028	
11	Earns, Keith J. & Bette		4071	
15	Groutte, Frank	GW-2	6053	
15	Chapler, Beryl C.	GW-3	1974	
15	" "	GW-3	1973	
15	Abbey, Elbert J. & Billie M.	GW-2	4697	
15	Andrews, Henry	GW-2	5915	
15	Abbey, Elbert J. & Billie M.		2489	
15	Schipp, Albert L.	GW-2	4157	
15	Alvin, Ardis R.		1654	
16	Daffin, Walter W.	GW-2	5453	
16	Houston, Arthur L.	GW-2	5067	
16	Life Evangelistic Assoc.	GW-3	5992	
16	" "	GW-3	5993	
16	" "	GW-3	5994	
16	" "	GW-2	5944	
16	Heiland, Helen		2765	
16	Springer, Ralph	GW-3	2278	
22	Butch, Reel	GW-3	2283	
22	Nadel, Fred A.	GW-3	1978	
22	Sieger, Floyd	GW-3	2547	
22	Whitlow, Floyd	GW-2	4870	
23	Shawver, Fred	Well Log		

County Ravalli Twp. 4 North Rge. 21 West

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
22	Shawver, Fred	Well Log		
22	" "		2062	
26	DeVaker, W. S.	GW-4	4072	
26	Rickert, Robin	GW-2	176353	
26	Davis, Norman	GW-2	5289	
26	Brown, Lawrence H.		2217	
26	Shawver, Fred	GW-2	2061	
26	Clude, Hugh L. & Mucella H.	GW-2	2635	
26	Davis, Norman	GW-2	5946	
26	Clude, Hugh L. & Mucella H.		2636	
26	Malone, Herman		2817	
26	" "		2816	
26	Wilkinson, Sidney M.	GW-2	4380	
27	Graths, Mary & Fred, Alon G.	GW-4	1896	
27	" "	GW-2	1895	
27	" "	GW-2	2184	
30	U.S.D.A., Forest Service	GW-2	1666	
32	Model, Fred A.	GW-2	1979	
33	Davis, Norman B. & Dorothy	GW-1	1829	
34	Kidd, Clyde L.	GW-2	2280	
34	Haffer, Simon & Hermine	GW-2	2118	
34	" "	GW-2	2112	
35	White, Alon B. & Arlene M.		3010	
35	White, Alon	Well Log		
35	Hayden, Marion L.		4720	
35	" "	GW-2	1650	
35	White, Alon B. & Arlene M.	GW-2	2861	
35	Milanda, Jesse A.	GW-2	5774	
35	Spurlock, J. M.	GW-2	2683	
35	" "	GW-2	2684	
35	" "	GW-2	2685	
35	" "	GW-2	2682	
35	Simmons, Ernest S.		2758	
	Wilhelmsen, Emile		2090	
	Stettin, Francis	GW-2	1969	
	Muhst, George		1981	
	" "	GW-2	1980	
?	Brown, Richard D. & Vera	GW-4	4699	
?	Buchanan, Helen A. & Elmer	GW-4	4716	8N R20W
?	Bust, Ray C. & Bess	GW-4	2630	
?	Cannithers, Helen	GW-2	5061	
?	Frost, Martha Luella	GW-4	2336	
?	Lorentzen, Thomas & Vera	1962	No #	
?	Rennaker, Floyd L.	GW-4	2375	
?	Shivel, Joseph H. & Leona	1962	No #	
?	Sporman, Robert & Marion	GW-2	2589	
?	Van Blaricom, F. J.	GW-2	5318	

File No. *10 up.*

T. *4. N.* R. *2. E.* S. *1. 2.*

Ravalli County

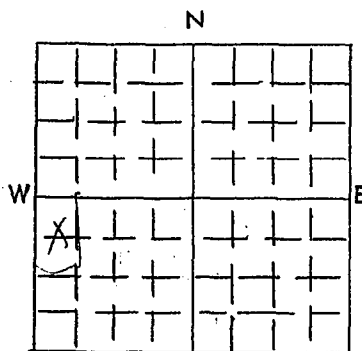
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. *Leeland E. Jackson & Daisy Jackson*, of *Hamilton, Mont.*
(Name of Appropriator) (Address) (Town)

County of Ravalli, 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, stock & garden & lawns.*



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

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

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

1923

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

3.5 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.....

one acre

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

1. H. P. pump

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

about 1923

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

10 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.....

*Drilled well - 6 inch casing - 6.5 ft deep
1. H. P. pump*

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

1,000,000

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

Not available - boulders, gravel & hard pan

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 *L. E. Jackson*

Date *Dec. 11, 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 School of Mines and Quadruplicate for the Appropriator.

#2802

I certify that I received and filed this
instrument on this 31st
day of Dec. 63 at 9:47
o'clock A.M.
F. L. Moore
COUNTY RECORDER
By Shirley Keith
DEPUTY

No. 100
D.C.R.

T... H... R... 21...
County... Ravalli...

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

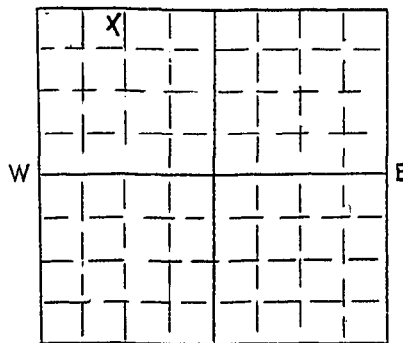
JAN 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1959)

Lucille Johnson
1. Russell & Alta Porter of R-1 Box 196 Hamilton
(Name of Appropriator) (Address) (Town)

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



NW 1/4 Sec. 2 T. 4 R. 24

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
irrigation & stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
1905-1910
4. The amount of groundwater claimed (in miner's inches or gallons per minute)...
approx. 200 gal. per min.
5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof...
about 3.5 acres. Mrs. Lucille Johnson
stock water in winter
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...
electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
1905-1910-1920
8. The depth of water table...
20 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...
2 ft. drilled 130 ft. cement walls down
10. The estimated amount of groundwater withdrawn each year...
200 gal. per min. or 16,272,000 per yr.
11. The log of formations encountered in the drilling of each well if available...
unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record...

Russell & Alta Porter
Signature of Owner...
Date... 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.

37301

No.
 DOR

T. 4 N. R. 21 E. S. 2
County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1941) L. L. LUTHER

Lucille Johnson
1 Russell + Alta Porter, of R-1 Box 196 Hamilton
(Name of Appropriator) (Address) (Town)

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

		X			

1/4 Sec. 2 T. 4 R. 21

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

- The beneficial use on which the claim is based... Household
irrigation + stock water
- Date or approximate date of earliest beneficial use; and how
continuous the use has been... 1905-1910
- The amount of groundwater claimed (in miner's inches or gallons
per minute)... approx 200 gal per min
- If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
lawn + gardens near house
stock water in winter
- The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal... electric pump
- The date of commencement and completion of the construction of the well, wells, or other works for
withdrawal of groundwater... 1905-1910-1930
- The depth of water table... 20 ft
- So far as it may be available, the type, size and depth of each well or the general specifications of
any other works for the withdrawal of groundwater... 8 ft drilled 130 ft cement walls down
- The estimated amount of groundwater withdrawn each year... 200 gal per min or 16,272,000 per yr
- The log of formations encountered in the drilling of each well if available... unknown
- 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...

Russell Porter
Signature of Owner Alta Porter
Date 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.

37301

2838

I certify that I received and filed this
instrument on this 31st
day of Dec., 1963 at 10:28
o'clock A. M.

F. G. Moore
COUNTY RECORDER
By Shirley Keith
DEPUTY

File No. 2931

T-4-N R-21-W

DUPLICATE

County Reynolds

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 31 1963

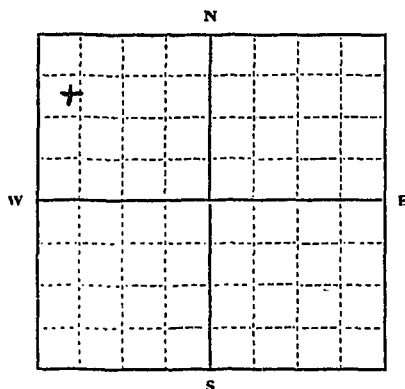
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Jerome Gould, of Rt. 1, Box 206 Hamilton
(Name of Appropriator) (Address) (Town)

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



NW 1/4 NW Sec. 2 T-4-N R-21-W

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
Farmstead well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. This well was put in 1953
it has been used continuously since then
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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
3/4 H.P. electric pump

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

8. The depth of water table From 13' to 20' 16' with Cement Casing

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 Long 7 1/2 inch Cement Casing

10. The estimated amount of groundwater withdrawn each year 20,000

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

Jerome Gould

Date December 24, 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.

16719

I certify that I received and filed this
instrument on this 26
day of Dec, 1963, at 5:04
o'clock P.M.

F. S. Moore
COUNTY RECORDER

By _____ DEPUTY

RECORDED
INDEXED
JAN 1 1964

File No.

T. 4W R 21W

DUPLICATE

LOG

MONTANA WATER RESOURCES BOARD
RECEIVED

DEC 2 1968

County Ravalli

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

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

**Notice of Completion of Groundwater
Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

5 ft. Open hole

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

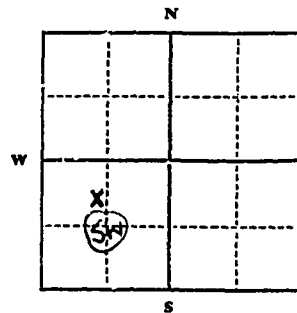
Owner William R. Denton Address Hamilton, Mont.
Ravalli Drilling Co. Box 27Driller C. F. Kroble Address Victor, Mont.

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

Date well started April 9, 1968 Date completed April 10, 1968Type 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 ☐ Other33 ft. Sand, Gravel
Saturated

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	15 lbs. per ft.			3/16x5	28	33

Static Water Level for non-flowing well
18 feet.

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

Pumping Water Level 30 feetat 15 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested PumpedLength of Test 2 hrs.

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

N 1/4 Sec. 2 T. 4 R. 21
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 62Driller's Signature C. F. Kroble

44,811

#5-107

I certify that I received and filed this
instrument on this 29th
day of Nov, 1968 at 2:30
o'clock P.M.
E. L. Moore
COUNTY RECORDER
By Lee 2.00
DEPUTY

GW 2

File No.

T R

DUPLICATE

Ravalli County

MONTANA WATER RESOURCES BOARD

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

AUG 14 1969

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

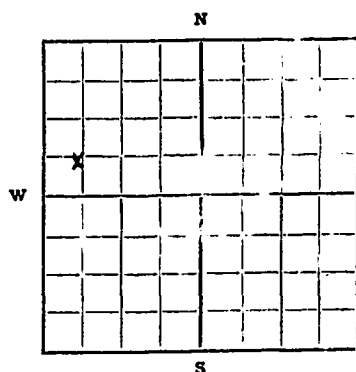
Owner Lester, Ronald Address Hamilton MontDriller Bill Anderson Address Victor Mont

Date of Notice of Appropriation of Groundwater

Date well started July 24, 69 Date Completed July 25, 69Type of well Drilled Equipment Used Churn Drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic (X) 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)
4 in	10.75 in 4 in	0	33			



SW 1/4 NW Sec. 2, T. 4, R. 21

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 6 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 1.0 feet at 1.5 gal. per minute.

Discharge in gal., per min. of flowing well 20 gpmHow Tested pump Length of Test 1 hr

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

33
Driller's License NumberWilliam Anderson
Driller's Signature

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

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

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

#3-188

I certify that I received and filed this
instrument on this 12th
day of Aug, 1969, at 4:30
o'clock P.M.

J. S. Moore
COUNTY RECORDER
Free 2.00
DEPUTY

File No.

RECEIVED

T. R.

DUPLICATE

OCT 18 1967

County. Ravalli

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

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

1 ft. Topsoil

29 ft. Sand, Gravel,
Clay mix
Intermittent layers32 ft. Sand, Gravel
Water bearingNotice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

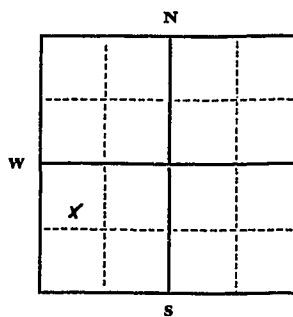
Owner W.R. Wheaton & Co. Address Charles Heights, Mont.
Box 27Driller C.F. Wroble Address Victor, Montana

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

Date well started Oct. 11, 1967 Date completed Oct. 11, 1967Type 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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	15 lbs. per ft.			3/16x5	27	32

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

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

Pumping Water Level..... 23 feet
at..... 15 gal. per minute.

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

How Tested BaledLength of Test..... 1 1/2 hrs.Remarks: (Gravel packing, cementing, packers, type of shutoff) 18" gravel pack from 30 1/2 ft. to 32 ft.NW 1/4 Sec. 2 T. 4 R. 21
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 62Driller's Signature C. F. Wroble

42,411

#4973
74302

I certify that I received and filed this
instrument on this 16th
day of Oct., 1962, at 2:55
o'clock P.M.

F. L. Mason
COUNTY RECORDER

By Fee 2.00
DEPUTY

File No.

T. R.

DUPLICATE

County. RAVALLI ✓LOG RECEIVED
MAY 1 1971STATE 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.....)

Doc. No. 5425

Filed for record

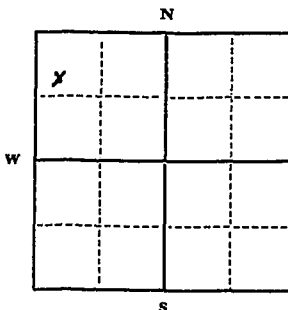
this 4 day of MayA. D. 19 71 at 11:55o'clock 11 M.Owner Ham-Mont Egg Co Address Hamilton MontDriller Wm Anderson Address Victor Mont

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

Date well started April 27-71 Date completed April 29-71Type 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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in	2" x 6"	0	58			

Static Water Level for non-flowing well
30 feet.

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

Pumping Water Level 32 feetat 12 gal. per minute.

Discharge in gal. per min. of flowing well

20 g.p.m.How Tested sub pumpLength of Test 1 hr

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff).....

N. 1/4, Sec. 3, T. 4N, R. 21W

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

33
Driller's License NumberWilliam Anderson
Driller's Signature.

48428

#5425

I certify that I received and filed this
instrument on this 4th
day of May, 19 71, at 11:55
o'clock A.M.

F. S. Moran
COUNTY RECORDER
By Lee 200
DEPUTY

GW3

File No.

DUPLICATE

T. 4 N R. 21 West

County Sanville

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

① NW $\frac{1}{2}$ NW of sec. 3-4 N 21 W
(Under Chapter 237 Montana Session Laws, 1961)

② NW $\frac{1}{2}$ SW $\frac{1}{2}$ NW of sec. 3-4 N 21 W

③ SW $\frac{1}{2}$ NW of sec. 3-4 N 21 W

Date of Appropriation of Groundwater December

Owner..... Address.....

Contractor (if any)

Address of Contractor

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

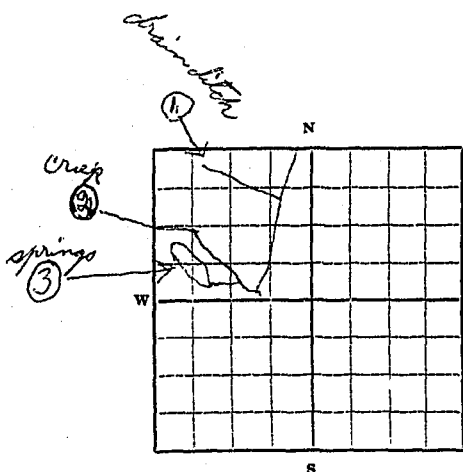
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to

water when applicable. ① a ditch for drainage and use for irrigation and stock water

② a ditch ~~about~~ about 2 ft. deep for irrigation and stock water

③ a three inch pipe line for stock water and house use and a ditch for irrigation about 2 ft deep

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



west $\frac{1}{2}$ Sec. 3 T. 4 N R. 21 W tent estimate approximate lengths of periods of use ① approximately

Indicate point of appropriation 20 to 100 minor inches depending on the amount and place of use, if possible.

of irrigation above ② approx 40 to 80 minor inches depending on irrigation above ③ a three inch pipe line not as yet fully developed

Geo. M. Elser
Martha E. Elser

Signature of Owner George M. Elser Betty J. ElserDate 2-16-63

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

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

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

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

Also All Underground Sub Water used for Irrigation on Lands Described.

Char Hts Orch.	9+10	2
E of C. rd	2	3
1+3 to	5	3
9 to	12	3
SW $\frac{1}{2}$ Lots 2+3 S $\frac{1}{2}$ NW	3	4 21
Lots 4 less W 220' of N 600'	3	4 21

27164

#2356

I certify that I received and filed this
instrument on this 30th
day of Dec. 1963 at 9:41
o'clock A. M.

J. H. Moore
County Recorder
By Shirley Keith
Deputy

File No.

T. 4 N R 21 W

DUPLICATE

County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 31 1963

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner Darwin J. Titeca Address Rt 1 Hamilton

Contractor (if any)

Address of Contractor

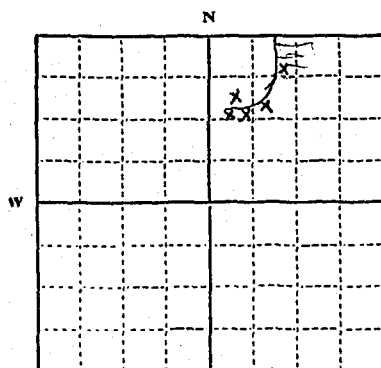
Date Started..... Date Completed.....

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

stock and household use and irrigation
during summer on M² & 4 of sec 3

E T4N R41W. These are natural flowing springs
increased in volume by my irrigation on
bench lands above them.

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. These springsrun an estimated 25 miners inchesand are increased approximately50 miners inches between monthsof April 15 and Sept 15.Signature of Owner Darwin J. TitecaDate Dec 16, 1963

M² & 4 Sec 3 T4N R41W

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.

3885

I certify that I received and filed this
instrument on this 27
day of Dec 19 62 at 2:25
o'clock PM.

F. A. Moore
CLERK

DEPUTY

File No. 2091

DUPLICATE

T. 11 N R. 21 WCounty Beaumont

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

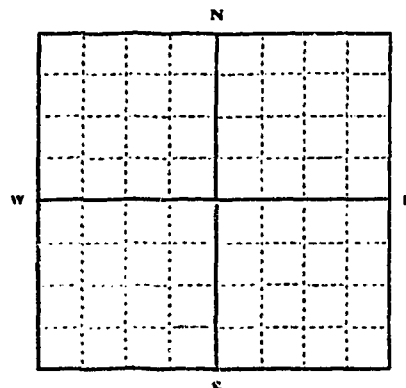
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. W. J. Dwyer, of Helena, (Name of Appropriator) (Address) (Town)

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



1/4 Sec. 3 T. 11 N R. 21 W

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 irrigation of 100 acres of land.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Since 1958.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 100 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. 100 acres of land owned by W. J. Dwyer.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. One well located on the 100 acres of land.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Commenced 1958, completed 1959.

8. The depth of water table. 12 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. One well, 100 feet deep.

10. The estimated amount of groundwater withdrawn each year. 250,000 gallons.

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

Date Dec 23 1963

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

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

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

12575

File No. 2091

DUPLICATE

T. 4N R. 21WCounty Roavalli

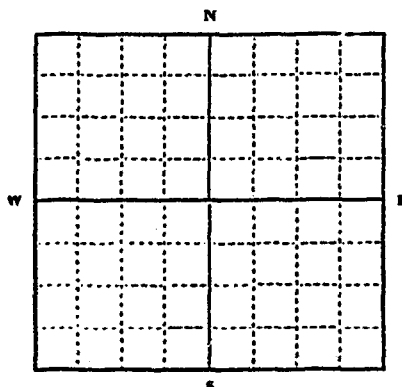
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. W. J. Cragg, Jr. & Bertha Cragg, of Roavalli, Montana -
(Name of Appropriator) (Address) (Town)
County of Roavalli 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.

located NW 1/4 SW 1/4 and NE 1/4 SE 1/4 Section 4, Township 4N, Range 21W, Roavalli, Montana.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. August 1956

8. The depth of water table Well is 115 ft 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. 6 inch casing

10. The estimated amount of groundwater withdrawn each year 250,000 gal

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

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 W. J. Cragg, Jr.
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 Quaduplicate for the Appropriator.

12575

I certify that I received and filed this
instrument on this 23
day of Dec 19 63, at 3:46
o'clock P.M.
F. G. Moore
DEPUTY RECORDER

By _____ DEPUTY

T. 4N. R. 21 at
Sec. 5
County Ravalli

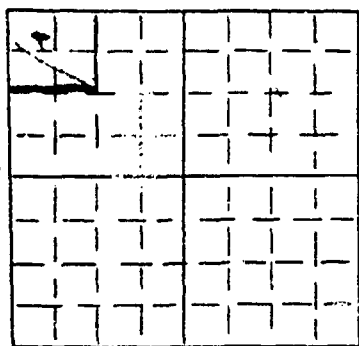
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Glen W. Hackney & Virginia Hackney of Hamilton, Montana - P.O. Box 209
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 5, T. 4N., R. 21E.
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 - Stock & Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1895
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 miner's inches
5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof.
A portion of Lots No. 13, 14, 15 & 16 in Block No. 16
Charles Heights Orchards No. 100 within Lot No. 4
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
box & ditch
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. spring & seepage
8. The depth of water table. 15 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 ft. by 10"
10. The estimated amount of groundwater withdrawn each year. unknown
11. The log of formations encountered in the drilling of each well if available.
none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
none

Signature of Owner. Glen W. Hackney

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.

37264

#12801

I hereby declare I am a citizen of the State of
31st
day of Dec. 63 9:46
a.

F. M. Moore
COUNTY CLERK

by Shirley Keith
COUNTY CLERK

G

File No.

T 4 N W 1
R 21

DUPLICATE

Ravalli County

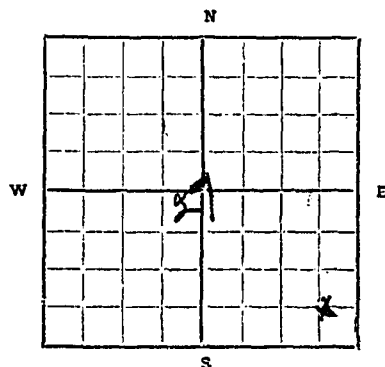
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alva D. Mott of Rt. Box 226 Hamilton
(Name of Appropriator) (Address) (Town)

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



S.E. 1/4 Sec. 27, T. 41 N. R. 21 W.
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based House
Lawn Garden and Stock
3. Date or approximate date of earliest beneficial use; and how
continuous the use has been June 1960
continuous
4. The amount of groundwater claimed (in miner's inches or gal-
lons 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 Lawn and Garden
apx. 1 acre
Alva D. Mott
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal Pump in Basement well
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater May 4-1960 to May 7-1960
8. The depth of water table 29 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 Drilled - 4 in casing
49 ft. Deep 22 ft. fine sand, 3 ft. coarse
gravel
10. The estimated amount of groundwater withdrawn each year 500,000
11. The log of formations encountered in the drilling of each well if available 12 ft. overburden
12 ft. Boulders
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, includ-
ing reference to book and page of any county record Drilled by Norman C. Roy
Hamilton Montana

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 lo-
cated.

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 Mine;
and Quadruplicate for the Appropriator.

34763

4372

I certify that I received and filed this
instrument on this..... 29th ..
day of Jan .. 19.64 .. at 10:40
o'clock A .. M.

F. S. Moore
COUNTY RECORDER

By..... DEPUTY

File No.

T. 4th R. 21st

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

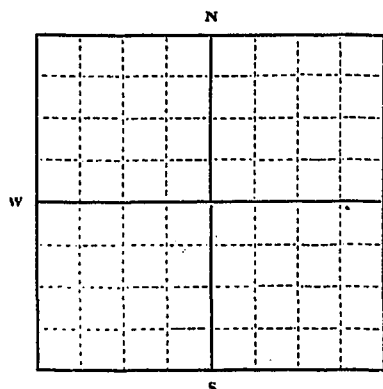
JAN 17 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alfred McEntire and Jessie Fay McEntire, of Hamilton
(Name of Appropriator) (Address) (Town)
County of Ravalli State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ Sec. T. R.

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

2. The beneficial use on which the claim is based stock, domestic, irrigation and other beneficial purposes.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1958; continuous since said date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) sufficient water to irrigate land described in paragraph 5, and for purposes set out in paragraph 2.
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 5 acres, located in the S¹/₄ NW¹/₄, Section 9, Township 4 North, Range 21 West, lying North and West of Lost Horse Road - Alfred McEntire and Jessie Fay McEntire.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump and pipe - located on lands described in paragraph 5.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1958 commenced and completed.
8. The depth of water table 4 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 dug well, 3' casing, 1 1/2" pipe.
10. The estimated amount of groundwater withdrawn each year unknown
11. The log of formations encountered in the drilling of each well if available gravel
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

Alfred McEntire
Jessie Fay McEntire

Date December 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

37522

3058

I certify that I received and filed this
instrument on this 31st
day of Dec., 1963, at 2:07
o'clock P. M.

F. H. Moore
COUNTY RECORDER
By Shirley Keith
DEPUTY

File No.

T R

DUPLICATE

Ravalli County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater
Appropriation by Means of Well**

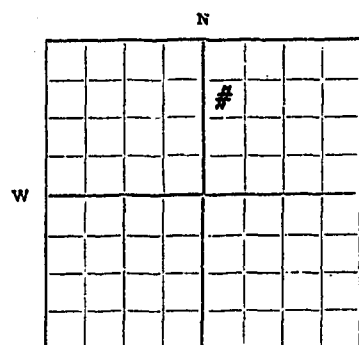
(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
To 1 Surface soil
(Elev. above sea level 3572.....)
To Granite boulders
46 small rock, gravel, clay mixes.
To Reddish brown granite-
75 like rock.
To Reddish brown, medium
84 coarse sand, carries
small amount of water.
To Yellow clay
95
To Gray, fine and
102 coarse sand.
To Course gray sand,
106 1% cobble gravel
Test 6 GPM
107 Same
108 Shaded area packed back,
etc. Grayish decomposed
granite.
TD Between 55-56 ft
water in hole.
Surface to water
51-52 feet.

Owner Edward T. Nobles Address Hamilton, MontanaDriller Gerald Quigley Address Hamilton, MontanaDate of Notice of Appropriation of Groundwater 16 Jan. 1968Date well started 7 Nov. 1967 Date Completed 26 Dec. 1967Type of well Drilled Equipment Used Cable Tool
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic (☒) Municipal () Stock () Irrigation ()
Industrial () Drainage () Other ()

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17.02 per foot steel blackwall casing	0	116	None		



Charles Heights Orchards
Lot 3, Block 4
NE 1/4 NE Sec. 9 T. 4 R. 21
Indicate location of well and place of use, if possible. Each small square represents 10 acres.
75 ft. WNW of house
Show exact depth of bottom **108**

Static Water Level for non-flowing Well 51 feet.Shut-in Pressure for Flowing Well NonePumping Water Level 81 feet at 6 gal. per minute.

Discharge in gal., per min. of flowing well

How Tested Pump & Bailer Length of Test 8 hours

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

128
Driller's License Number

Gerald Quigley
Driller's Signature

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

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

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

42,789

#5006

MONTANA WATER & POWER BOARD
RECEIVED

JAN 31 1968

I certify that I received and filed this
instrument on this 29th
day of Jan, 1968, at 1135
o'clock P. M.

E. S. Moore
COUNTY RECORDER

By E. S. Moore
DEPUTY

File No.

T. 4 N. R. 2 W. 9

Ravalli County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

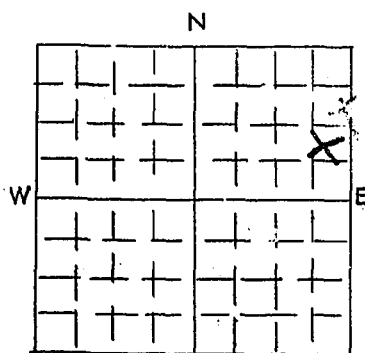
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Vernon H. Roe of Box 278 R1 Hamilton
(Name of Appropriator) (Address)

County of Ravalli, 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, well drink water stock



SE NE 9 4 21

1/4 Sec. T. R.

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

3. Date or approximate date of earliest beneficial use and how continuous the use has been. 34 years 1930 continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal. minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1930

8. The depth of water table. 160 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 diameter 10 ft deep

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

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

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

Signature of Owner Vernon H. Roe

Date Jan 2 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 School of Mines and Quadruplicate for the Appropriator.

37835