

T6N R 20W

County Beavert

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 4 1962

STATE ENGINEER

WATER WELL LOG

Owner David B. Burnham Address Hamilton Heights Road
Cervellia, Montana

Driller ? Address ?

Date Started Approx 1910 Date Completed

Location: Sec. 13 T. 6N R. 20W 1/4 sec. SW 4

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other:

Casing: 140 ft. to ft. Type Iron Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations ?

Static Water level, for non-flowing well: 100 feet.

Shut-in pressure, for flowing well: 20 lb./sq. in. on: 11/16/61 (date)

Pumping water level 120 feet at 25 gal. per min.

How tested: 1 HP Submersible Pump

Length of test 1 hour

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

(over)

MONTANA WATER RESOURCES BOARD

File No.

RECEIVED

T. R.

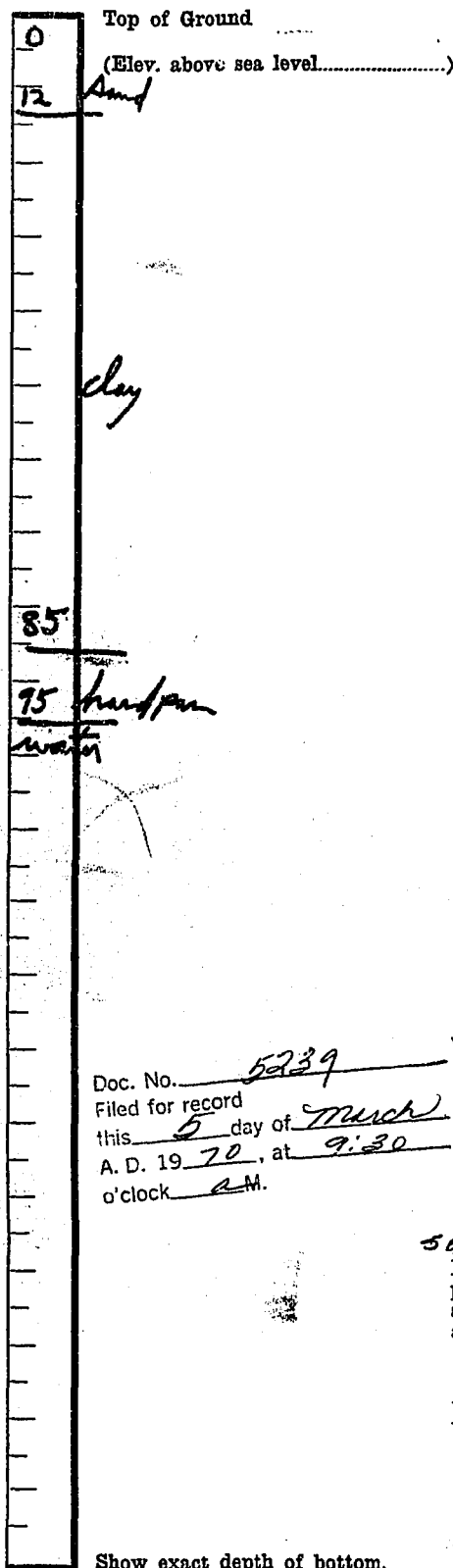
DUPLICATE

MAR 6 1970

County Ravalli

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD



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

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

Owner Bob Sherwood Address Hamilton Mont
Driller William Anderson Address Box 354 Victor Mont

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

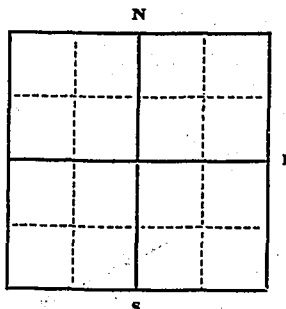
Date well started Feb 23, 70 Date completed Feb 28, 70

Type 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	25 small 6 in	0	85	None	—	—



Static Water Level for non-flowing well 35 feet.

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

Pumping Water Level 70 feet at 10 gal. per minute.

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

How Tested Sub Pump

Length of Test 1/1/70

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

SE 1/4 Sec. 14, T. 64N. R. 24W.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

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

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

33
Driller's License Number
William Anderson
Driller's Signature.

46234

#5239

I certify that I received and filed this instrument on this 3rd day of Mar, 19 70, at 9:30 o'clock A.M.

J. S. Moore
COUNTY RECORDER

by Lee 2.00
DEPUTY

FIVE AWARD COMPLETION BOARD
ADMINISTRATIVE OR DISCIPLINARY CASES
STATE OF MONTANA

Office of Completion of Examination
ABANDONED UNDER CHAPTER 7, 1968
APPROVED BY BOARD OF JURY

Handwritten notes:
I have received the original of the instrument...
I have reviewed the instrument and find it correct...
I have reviewed the instrument and find it correct...
I have reviewed the instrument and find it correct...

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File No.

MONTANA WATER RESOURCES BOARD
RECEIVED

T. 6 R. 20

DUPLICATE

NOV 25 1969

County Beavert

LOG

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

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

Owner William Fringely Address Hamilton Mont
Driller William Anderson Address Victor Mont

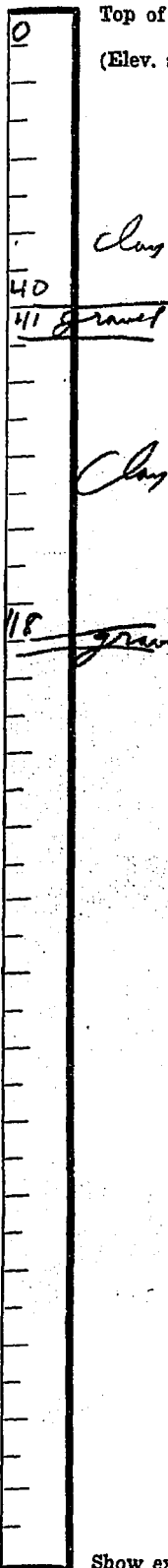
Date of Notice of appropriation of groundwater.....

Date well started Nov 10-69 Date completed Nov 20, 69

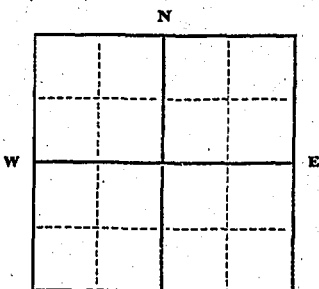
Type of well drilled Equipment used Churn drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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	6 in 250 wall	0	108	None	"	"



8 ton Kts s
N¹/₂ of Lot 4 Blk, 6
1/4 Sec. 12 T. 3 R. 20
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 50 feet.
Shut-in Pressure for Flowing Well.....
Pumping Water Level 80 feet
at 9 gal. per minute.
Discharge in gal. per min. of flowing well 9 gal. min

How Tested sub pump
Length of Test 3 hr
Remarks: (Gravel packing, cementing, packers, type of shutoff).....

(Continue on reverse side)

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

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

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

33
Driller's License Number
William Anderson
Driller's Signature.

43-904

#5216

Certify that I received and filed this instrument on this 25th day of Nov. 1969 at 9:45 A.M.

D. G. Moore
COUNTY RECORDER
State of Montana
Division of Administration
State of Montana
County of Blaine

DAVIDSON WATER TANKS & PIPES
Reconstructed by Measure of Well
of Completion of Construction

State of Montana
County of Blaine
Type of property or subdivision of same
Date of map
Date of survey
Date of plat
Date of approval
Date of recording
Date of filing
Date of recording
Date of filing
Date of recording
Date of filing

Block	Acres	Area	Area	Area
1	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00
41	0.00	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00
46	0.00	0.00	0.00	0.00
47	0.00	0.00	0.00	0.00
48	0.00	0.00	0.00	0.00
49	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00
51	0.00	0.00	0.00	0.00
52	0.00	0.00	0.00	0.00
53	0.00	0.00	0.00	0.00
54	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00
56	0.00	0.00	0.00	0.00
57	0.00	0.00	0.00	0.00
58	0.00	0.00	0.00	0.00
59	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00
61	0.00	0.00	0.00	0.00
62	0.00	0.00	0.00	0.00
63	0.00	0.00	0.00	0.00
64	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00
66	0.00	0.00	0.00	0.00
67	0.00	0.00	0.00	0.00
68	0.00	0.00	0.00	0.00
69	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00
71	0.00	0.00	0.00	0.00
72	0.00	0.00	0.00	0.00
73	0.00	0.00	0.00	0.00
74	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00
76	0.00	0.00	0.00	0.00
77	0.00	0.00	0.00	0.00
78	0.00	0.00	0.00	0.00
79	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00
81	0.00	0.00	0.00	0.00
82	0.00	0.00	0.00	0.00
83	0.00	0.00	0.00	0.00
84	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00
86	0.00	0.00	0.00	0.00
87	0.00	0.00	0.00	0.00
88	0.00	0.00	0.00	0.00
89	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00
91	0.00	0.00	0.00	0.00
92	0.00	0.00	0.00	0.00
93	0.00	0.00	0.00	0.00
94	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00
98	0.00	0.00	0.00	0.00
99	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00

State of Montana
Division of Administration
State of Montana
County of Blaine

File No. 570 01 1965

T. 6 R. 20

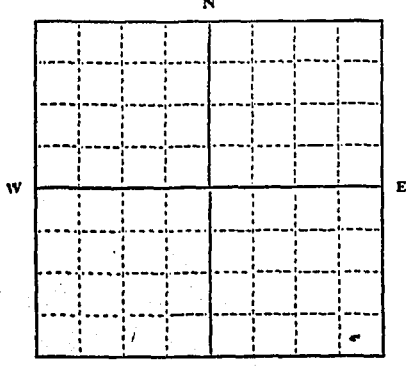
DUPLICATE Bills _____ McBurnett _____
Belmont _____ McNulty _____
Cecil _____ Morton _____ STATE OF MONTANA
Drilling _____ ADMINISTRATOR OF GROUNDWATER CODE
Dickert _____ OFFICE OF STATE ENGINEER

County Pavalli

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SE NE
SE 1/4 NE Sec. 14 T. 6 R. 20
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 stockwater in winter lawn
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1910 - continuous use since
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 5,000 gal per
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. small lot (lawn) George Frost
- 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. 1910

8. The depth of water table. 135 ft deep, 54 ft to water = 81 ft of water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
6 in casing, 135 ft deep

10. The estimated amount of groundwater withdrawn each year. approx 500 gal a day, 182,500 gal per yr.

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. substantive

Signature of Owner George Frost
Date Dec. 29 1965

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.

40241

To *Butte School of Mines*
Butte, Mont.

Dear Sir:
Enclosed are 2
changes the
minutes of
A. S. M.

MEMORANDUM FROM
F. G. MOORE, CLERK AND RECORDER
RAVALLI COUNTY, HAMILTON, MONT.

SUBJECT
Changes to minutes

#4705
DUBUOCH

I certify that I received and filed this instrument on this 29th day of Dec., 1965, at 3:40 o'clock P.
F. G. Moore
COUNTY RECORDER

By F. G. Moore DEPUTY
CLERK AND RECORDER
RAVALLI COUNTY, MONT.

Small rectangular stamp or seal with illegible text.

Vertical text on the right side of the page, possibly a date or reference number.

DEPUTY
COUNTY RECORDER
F. G. MOORE
1965
I certify that I received and filed this
instrument on this 29th day of 1965
at 9:30 AM
M-7057

MEMORANDUM FROM
F. G. MOORE, CLERK AND RECORDER
RAVALLI COUNTY, HAMILTON, MONTANA

To Butler School of Mines Dec 30 1965
Butler, Mont. SUBJECT Water Well File

Dear Sirs:

On water well file # 4705 (Ravalli Co.) please
change the description of land to SE NE
instead of SE SE Thank you.

F. G. Moore

Geny Frost

40241 - Gw 4

12/31/65

County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Marvin Cox
Address Hamilton, Montana
Date well started April 13, 1971 GW 1
completed April 15, 1971

For Administrator's Use	
File	<u>5464</u>
	<u>July 26, 1971</u>
	<u>4:25 PM</u>

Type of well Drilled
(Dug, driven, bored or drilled)

Equipment used Churn Drill
(Churn drill, rotary or other)

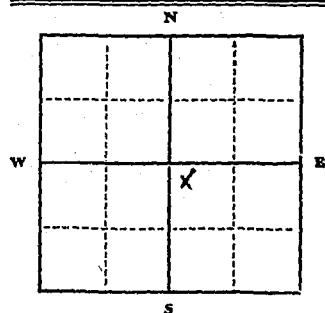
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL unknown

Size of Drilled Hole	Size and Weight of Casing per ft.	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 lbs.	0	73	3/16x5	63	73



Static water level 30 ft.*
Pumping water level 68 ft.*
at 10 gallons per minute,
measured 240 minutes after pumping
began.

*Measured from ground level.
Well developed by baling &
for 4 hours. pumping
Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

N. 1/4 Sec. 14
T. 6 N. R. 30 W.

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

Driller's Signature Charles W. Winkler, Ravalli Drilling Co.

Driller's Address Box 27, Victor, Montana

LICENSE NO. 200

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	1	Topsoil
1	29	Intermittent layers Sand, Gravel, Clay mix Tight pressed
29	36	Sedimentary rock-soft
36	51	Intermittent layers Sand, Gravel, Clay mix Tight pressed Layers of Bentinite - varying
51	73	Sand, Gravel, Some clay Water bearing

73 Show exact depth of bottom

48789

#3-464

I certify that I received and filed this
Instrument on this 26th
day of July, 1921, at 4:25
o'clock PM

F. S. Moran
COUNTY RECORDER
By Fee 2.00
DEPUTY

RECORDED

INDEXED

FILED

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File No.

T. 6 R. 20

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1962

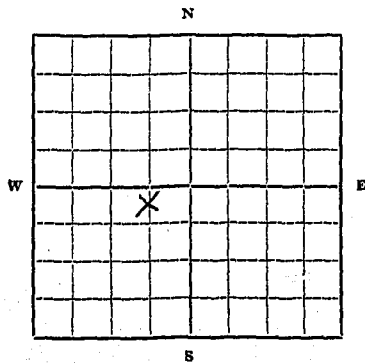
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Marvin G. & Lillian M. Cox, of Corvallis
(Name of Appropriator) (Address) (Town)

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



N.E. 1/4 SW Sec. 14, T. 6, R. 20

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
stock & domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approx. 1913
continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gal. per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1/2 acre garden & lawn
Marvin G. & Lillian M. Cox

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 Approx. 1913

8. The depth of water table 21'

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 dia at bottom 3' at top 6'
rocked walls

10. The estimated amount of groundwater withdrawn each year 2,000,000

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 none

Signature of Owner Marvin G. Cox
Lillian M. Cox
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.

#2532

I certify that I received and filed this
document on this 30th
of Dec. 1963 at 1:39
P. M.

F. G. Moore

CLERK

BY Shirley Keith
DEPUTY

RECEIVED
F. G. MOORE
CLERK



RECEIVED

RECEIVED
F. G. MOORE
CLERK

RECEIVED
F. G. MOORE
CLERK

File No.

T. 6N R. 20W 114

Receipt

Ravalli County

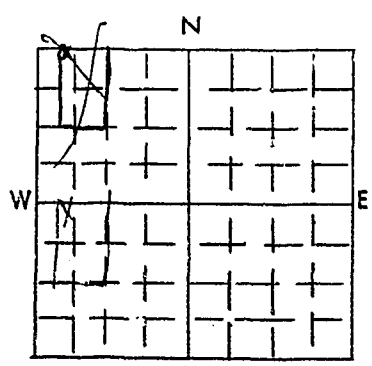
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS 1964
(Under Chapter 237, Montana Session Laws, 1961)

1. *Leonard Morrison*, of *Route one* *Corvallis*
(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. *stock water*



3. Date or approximate date of earliest beneficial use, and how continuous the use has been. *constant since 1900*

4. The amount of groundwater claimed (in miner's inches or gallons per minute). *1 gal per minute*

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. *piped from springs into tanks*

NW 1/4 Sec. 6 T. 26 R.
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *in use when we purchased the place*

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. *free flow from approach to highway*

10. The estimated amount of groundwater withdrawn each year. *5-25-600 gal 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. *Hamilton Heights road*

Signature of Owner *Leonard Morrison*
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 School of Mines and Quadruplicate for the Appropriator.

37269

#2806

I certify that I received and filed this
instrument on this 31st
day of Dec. 1963, at 9:51
o'clock A. M.

F. G. Moore
COUNTY RECORDER
By Shirley Keith

File No.

11/14

T. 4 N. R. 20 W. 14
Ravalli County
JAN 17 1964

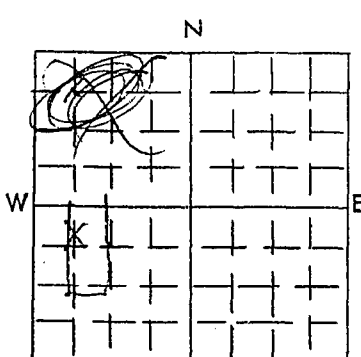
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. *Leonard T. Morrison* of *T. 4 N. R. 20 W. 14* *Cornell*
(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. *household use, sprinkling yard water for chickens on corral*



NW 1/4 14 Sec 6 T20 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.

constantly since 1900

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

600 gal. an 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.

2.2 ac. yard & garden owned by Leonard Morrison

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.

8. The depth of water table. *30 ft.*

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

3.0 ft. deep dug well, 3 ft. hole and

10. The estimated amount of groundwater withdrawn each year. *820, 500 gal.*

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

not available

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

I do not know

Signature of Owner *Leonard Morrison*

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 School of Mines and Quadruplicate for the Appropriator.

37267

#2804

I certify that I received and filed this
instrument on this 31st
day of Dec. 63 at 9:49
o'clock a.

F. G. Moore
COUNTY RECORDER

By Shirley Keith
DEPUTY

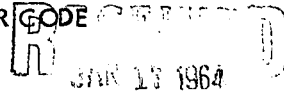
File No.

Receipt

T. *6^N* R. *20^W* *14*

Ravalli County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

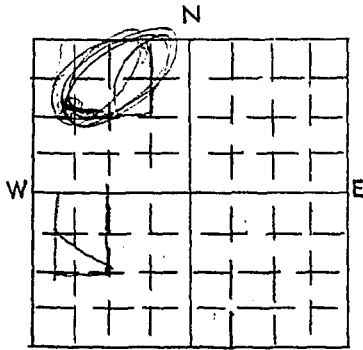


DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws (1961))

1. *Leonard Morrison*, of *T. 6^N R. 20^W* *14*
(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: *irrigation stock water*



NWSM 4. 14. Sec. 6. T. 20. R. 14.

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: *stock water*

irrigation

4. The amount of groundwater claimed (in miner's inches or gallons per minute): *no water flow*

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: *10 acres cottonland*

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: *no well when use first started*

8. The depth of water table: *surface*

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

10. The estimated amount of groundwater withdrawn each year: *controlled by seepage*

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: *Leonard Morrison*

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 School of Mines and Quadruplicate for the Appropriator.

37268

#2805

I certify that I received and filed this
instrument on this 31st
day of Dec. 1962 at 9:50
A. M.
F. G. Moore
COUNT RECORDER
By Shirley Keith
DEPUTY

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner E.C. or Clara PAYNE

Address 107 Carpenter

Hamilton

Date well started 5/5/73

completed 5/11/73

Type of well Drilled

Equipment used Cable tool

Water Use: Domestic Municipal Stock Irrigation

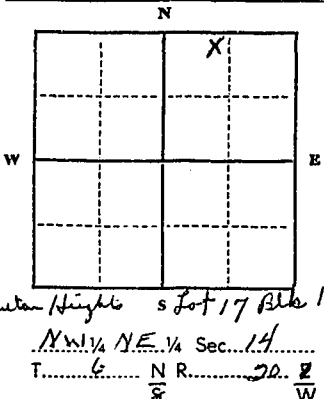
Industrial Drainage Other * Garden/Lawn

*Describe House use & lawn

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

ESTIMATED ANNUAL WITHDRAWAL used 6 gal per min

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7 7/8"</u>	<u>6" ID 6 5/8" OD .025 17# per ft.</u>	<u>1'</u> <u>about surface</u>	<u>93'</u> <u>below surface</u>	<u>none</u>		



Static water level 50 ft.*
Pumping water level 100 ft.*
at 10 gallons per minute,
measured 60 minutes after pumping began.

*Measured from ground level.
Well developed by bailer
for 1 hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)
Install pump at 95-100' from surface

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

Driller's Signature Howard Lander

Driller's Address Rt. 1, Box 1182

Hamilton, Mont. LICENSE NO. 236

County RAVALLI

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level) 3700

From (Feet)	To (Feet)	
0	3'	top soil
3	7	gravel pebbles
7	34	shale
34	42	clay
42	54	shale
54	57	sand gravel
57	75	small vein
75	85	shale
85	89	hard shale
89	104	gravel sand
104	112	small water vein
		shale
		gravel sand
		water vein used
		Bottom of casing at 103' down

112 Show exact depth of bottom

5904

I certify that I received and filed this
Instrument on this 17th
day of May, 1973, at 11:15
o'clock A.M.
Charles E. Hughes
COUNTY RECORDER
By Shea 206
DEPUTY

G

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

File No.

T. 6N R. 20W

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

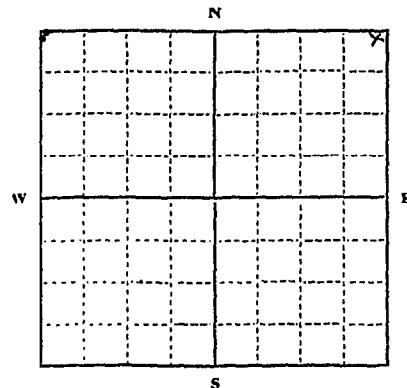
RECEIVED
JAN 17 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, George H. or Ruth E. Meesser, of R. R. #1 Corvallis
(Name of Appropriator) (Address) (Town)

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



NE 1/4, 14 Sec. 6N, T.20W 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 Household and stockwater.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1898. Continually used.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 900 Gallons per minute.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1898.

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 Dug well, 24 Feet X 4 Feet; 24 Feet Deep.

10. The estimated amount of groundwater withdrawn each year 40,000 Gallons Approximately.

11. The log of formations encountered in the drilling of each well if available Dug well not drilled, Clay Sub=Soil.

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 George H. Meesser

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.

37369

#2905

I certify that I received and filed this
instrument on this 31st
day of Dec., 1963, at 11:35
o'clock A. M.

F. G. Moore
COUNTY RECORDER

By Shirley Keith
DEPUTY

#5428

223

I certify that I received and filed this
instrument on this 6th
day of May, 1971, at 1:45
o'clock P M.

F. J. Moore
COUNTY RECORDER

By Fee 2.00
DEPUTY

GW2

File No.....

DUPLICATE

RECEIVED

T. 6 North 20 West

County..... Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level... 3400)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Claris R. Glidewell and

Owner Dorothy Glidewell, his wife Address Corvallis, Mont.

1'-12' fine silt loam
12'-22' Clay & hard pan
22'-30' water strata of fine gravel

Driller self Address

Date of Notice of Appropriation of Groundwater June 28, 1973

Date well started 1936 Date Completed 1936

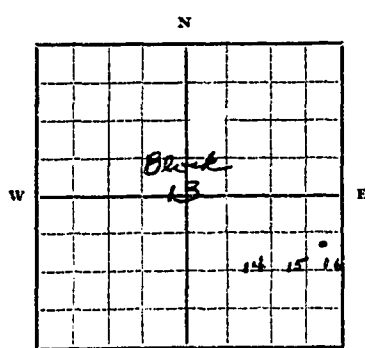
Type of well dug Equipment Used shovel
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/lawn

6028
6-27-73
2:46 p.m.

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 Hole	Size and Weight of Casting	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4 ft.	rocked up and cemented	0	30			



Lots 14, 15, 16 Block 13
Hamilton Heights
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 12 feet.

Shut-in Pressure for Flowing Well 12

Pumping Water Level 12 feet at 220 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested pumped Length of Test 30 min

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)

Power: electric Pump - 1/2 hp

Show exact depth of bottom.

XXXXXXXXXXXX
XXXXXXXXXXXX

Clariss R. Glidewell
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.

55534

6028

I hereby certify that I received and filed this
instrument on this 29th
day of June, 1923, at 2:16
o'clock P.M.

D. Wilson E. Hughes
COUNTY RECORDER

By W. A. L. ...
DEPUTY

GW 2

File No.

T 6 N R 20 W

DUPLICATE

Ravalli County

RECEIVED
5 1973

MONITORING DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level... 3400)

1'-14' fine silt loam

14'-16' hard clay

16'-20' Water strata of fine gravel

6029
6-29-72.
2:17 p.m.

Size of Hole
18" dug

Size and Weight of Casing
cement

From (Feet)
0

To (Feet)
20

PERFORATIONS

Kind Size	From (Feet)	To (Feet)

Static Water Level for non-flowing Well 12 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 12 feet at 220 gal. per minute.

Discharge in gal., per min. of flowing well

How Tested pumped Length of Test 30 min

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)

Power: electric Pump - 1/2 hp

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

Show exact depth of bottom

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Claris R. Glidewell and

Owner Dorothy Glidewell, his Address Corvallis, Mont
wife

Driller self Address

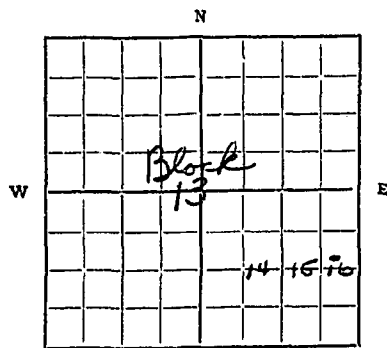
Date of Notice of Appropriation of Groundwater June 28, 1973

Date well started 1946 Date Completed 1946

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

Water Use: Domestic () Municipal () Stock (x) Irrigation (x)
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.



Lots 14, 15, 16 Block 13
Hamilton Heights
Sec. 15 T6 N R 20 W

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

Show exact depth of bottom

Clariss R. Glidewell
Driller's License Number

Driller's Signature

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

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

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

55533

6029

I certify that I received and filed this
instrument on this 29th
day of June, 1913, at 2:17
o'clock P.M.

Darwin E. Hughes
COUNTY RECORDER

By H. A. 100
DEPUTY

16

File No.

T. LN 20W

DUPLICATE

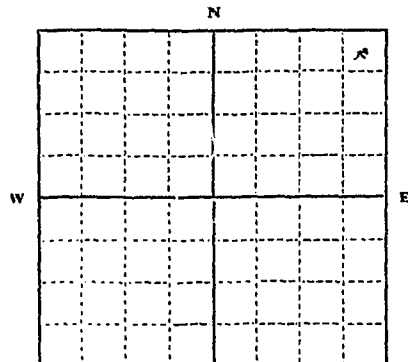
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ernest Davis, of LN 20W, Conrad
(Name of Appropriator) (Address) (Town)
County of Conrad State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 1 Blk 13 Hamilton Heights

N.E. 1/4 NE Sec 15 T. 6. R. 20

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1907
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 14 gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 12 acres
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal drilled from surface by 24 inches
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater commenced 1907
8. The depth of water table 11 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 15 inch diameter 15 ft deep
10. The estimated amount of groundwater withdrawn each year 127,000 gal
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Ernest Davis
Date Jan 29 - 1961

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.

34769

File No. _____

T. 6 N R 20 W

DUPLICATE

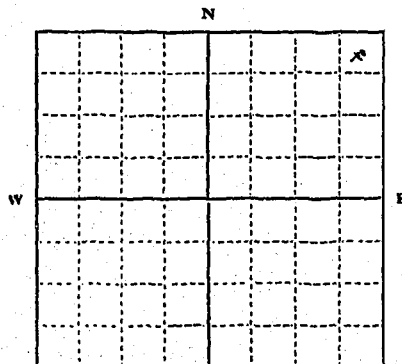
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



Lot 1 Blk 13 Hamilton Heights

N.E. 1/4 NE Sec 15 T. 6 R. 20

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 1907 and ever since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 157 gal. 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 15 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Deep well pump powered by 3 hp motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commencement 1917 other not known

8. The depth of water table 17 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater in casing and 15 ft well depth

10. The estimated amount of groundwater withdrawn each year 122,000 gal.

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

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

Signature of Owner Ernest Davis

Date Jan 29 1961

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.

34769

4379

I certify that I received and filed this
instrument on this.....29th
day of...Jan.....19..64...at...4:55
o'clock.....P.....M.

F. K. Moore
COUNTY RECORDER

By.....
DEPUTY

Doc. No.

T... 6 M. R. 26 W
County... Ravalli... 13

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

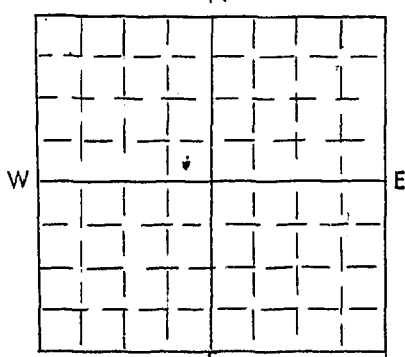
JAN 17 1964

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1941)
STATE ENGINEER

I, Martin E. Muller, of Corvallis, 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:



SE 1/4 NW 5 Sec 15 T. 6 R. 26 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. Household and stock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1952? Continuous use.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 200 gallons daily.
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. unknown.
8. The depth of water table. four 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. hand dug 3' by 3' by 7' (Pump well).
10. The estimated amount of groundwater withdrawn each year. 73,000 gallons.
11. The log of formations encountered in the drilling of each well if available. Some topsoil and 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. Martin E. Muller
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.

Handwritten scribbles and numbers, possibly a date or reference number.

39442

STATE OF MONTANA,

County of..... } ss.

Martin E. Muller.....having first been duly sworn, depose.....
and say.....that.....he.....of lawful age and.....the
appropriator.....and claimant.....of the order and water right mentioned in the
foregoing declaration of vested groundwater rights and the person.....whose name
.....subscribed thereto, as the appropriator.....and claimant.....,
that.....he.....know.....the contents of said foregoing notice and that the matters
and things therein stated are true.

Martin E. Muller.....
.....
.....

Subscribed and sworn to before me, this.....day of....., 19.....

.....
Notary Public for the State of Montana.

Residing at.....

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

2978

I certify that I received and filed this
instrument on this 31st
day of Dec., 19 63, at 12:48
o'clock P.M.

F. G. MOORE

COUNTY RECORDER

By *Shirley Keith*

DEPUTY

GW3

File No.....

T. 6 N R. 20 W 15

DUPLICATE

County Corvallis

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 17 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 31, 1963

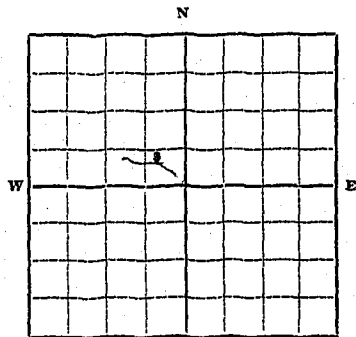
Owner Martin E. Muller Address Corvallis, Mont.

Contractor (if any) none

Address of Contractor

Date Started unknown Date Completed unknown

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



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

SE 1/4 NW Sec. 15 T. 6 R. 20 W

.....

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

stock water, used all year around, daily.

Signature of Owner Martin E. Muller

Date 12-31-63

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.

GW3

File No.....

DUPLICATE

T. 6 N R. 20 W 15

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 17 1964

Notice of Completion of Groundwater Appropriations Without Wells

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 31, 1963

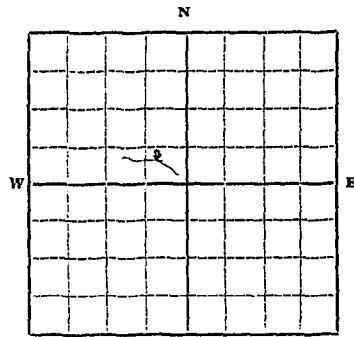
Owner Martin E. Muller Address Carrollis, Mont.

Contractor (if any) none

Address of Contractor

Date Started unknown Date Completed unknown

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



SE 1/4 NW Sec. 15 T. 6 R. 20 W

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

stock water used all year around, daily.

Signature of Owner Martin E. Muller

Date 12-31-63

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.

2979

I certify that I received and filed this
instrument on this 31st
day of Dec. 19 63 at 12:49
o'clock P.M.

F. G. Moore

COUNTY RECORDER

By *Shirley Keith*
DEPUTY

RECEIVED

APR 10 1972

County Avallia

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

Owner Mr. E. J. Watt

Address Hamilton Heights

Hamilton, Montana

Date well started 3/30/72

completed 3/31/72

For Administrator's Use	
File #	<u>#55.90</u>
Date	<u>April 6, 1972 4:45 p.m.</u>
GW #	<u>1</u>

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn

(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

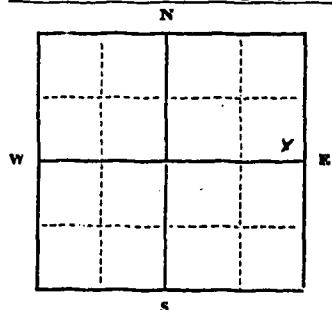
Industrial Drainage Other * Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL Gallons per minute 10

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	17 lbs. per ft.	0	77	3/16x5	67	77



SE 1/4 NE 1/4 Sec. 15

T. 6 N. R. 28 E. 6 W. 6

Static water level 45 ft.*
Pumping water level 73 ft.*
at 10 gallons per minute,
measured 60 minutes after pumping
began.

*Measured from ground level.
Well developed by bailing
for one hours.

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

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

Driller's Signature Charles Wroble, Jr.

Driller's Address Box 27 Victor, Montana 59875

LICENSE NO. 200

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	1	<u>topsoil</u>
1	8	<u>Sand, Gravel & Boulders</u>
8	50	<u>Clay</u>
50	77	<u>intermittent sand, gravel, and clay, water bearing.</u>

77 ft. Show exact depth of bottom

50,158

#5-590

I certify that I received and filed this
instrument on this 6th
day of April 1972 at 4:45
o'clock M.

F. S. Moore
COUNTY RECORDER

By Free 2.00
DEPUTY

Department of Natural Resources and Conservation
 Water Resources Division
 Engineering Bureau
 Groundwater Section
 Sam W. Mitchell Building
 Helena, Montana 59601

Owner Robert M. Bielenberg
 Address Box 208 - Helena, MT. 59846
 Location T. 6 N. R. 20 W. Sec. 6
 Doc. No. # 5621

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide, as indicated in used on the attached form, the dates the spring development was started and completed, and the means or method used to develop the springs, and estimated annual ~~estimated~~ usage.

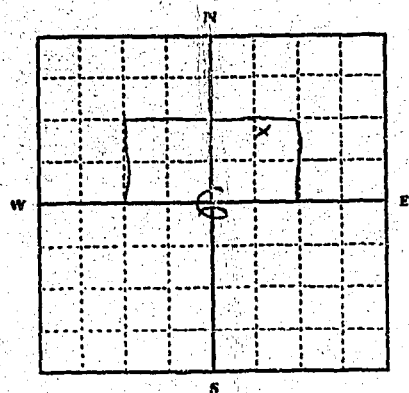
NOTE: Underdeveloped springs are ^{usually} considered surface water and therefore are appropriated in an entirely different manner.

Thank you. Sent 9/20/72

50,946

.....

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) artesian springs



2. Means of withdrawing water (gravity, pump, canal, etc.) Pump and gravity
 3. Depth of water table 3 FT - 6 FT
 4. Use of the water irrigation and other useful beneficial purposes
 5. Amount of groundwater claimed (in miner's inches or gallons per minute) 40 miners inches (all from the springs)

SW 1/4 NE 1/4 Sec. 6
 T. 6 N. R. 20 W. Sec. 6

R.M.B.

6. If used for irrigation, give number of acres and description of land 20 acres - W 1/2 SW 1/4 NE 1/4 Sec 6

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
 Elevation of spring, if known or estimated

7. Estimate amount of water used each year

8. Months of year spring flows 12

Signature of Owner R.M.B. Bielenberg

Date July 17, 1972

F.

50,946

RECEIVED

3 GW 3 Revised 1969
2057-1500-1/71

JUL 18 1972

County Ravalli

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File # 5671

July 17, 1972 11:16 a.m.

GW 1

Owner Robert M Bielenberg

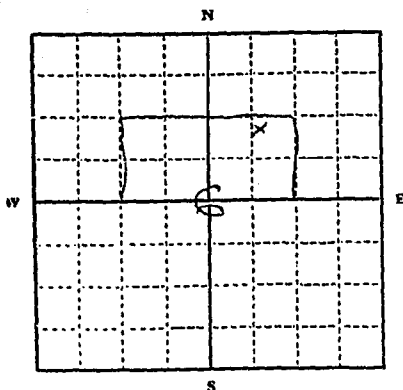
Address Box 708 Hamilton Mont.

Contractor (if any) None

Address of Contractor

Date Started Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) artesian springs



SW 1/4 NE 1/4 Sec 6

T. 6 N. R. 20 E. W.

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estimated

2. Means of withdrawing water (gravity, pump, canal, etc.) Pump and gravity

3. Depth of water table 3 FT 6 FT

4. Use of the water irrigation and other useful beneficial purposes

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 40 miners inches (all from the springs)

6. If used for irrigation, give number of acres and description of land 20 acres - 10 1/2 SW 1/4 NE 1/4 Sec 6

7. Estimate amount of water used each year

8. Months of year spring flows 12

Signature of Owner RMB Bielenberg

Date July 17, 1972

F.

50,946

#5681

I certify that I received and filed this
instrument on this 17th
day of July 1972 at 11:16
o'clock A.M.

F. G. Moore
COUNTY RECORDER

By Fee 2.00
DEPUTY

GW 2

STATE WATER CONSERVATION BOARD

File No.

JUN 15 1966

T 6N R 20W 6

DUPLICATE

Bille _____ McDermott _____ Ravalli County
 Butzerin _____ McNulty _____ STATE OF MONTANA
 Coyle _____ Morton _____ ADMINISTRATOR OF GROUNDWATER CODE
 Darlington _____ Sullivan _____ OFFICE OF STATE ENGINEER
 Dickert _____

5	Top of Ground
10	gravel rocks (Elev. above sea level.....)
15	
20	gravel
25	sand
30	hard pan
31	
34	gravel

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

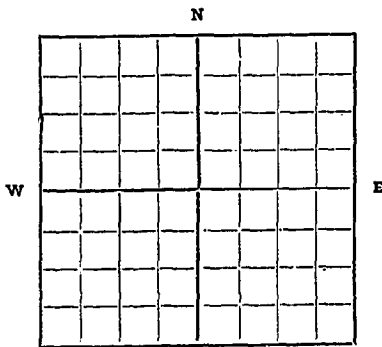
Owner Jack Nemple Address Hamilton Mont
 Driller Bill Anderson Address Hamilton Mont

Date of Notice of Appropriation of Groundwater
 Date well started Feb 24 - 66 Date Completed Feb 26 - 66
 Type of well drilled Equipment Used churn drill
 (dug, driven, bored or drilled) (Churn, drill, rotary or 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	10.79 pipe 4 in	03	34			



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 17 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 18 feet at 10 gal. per minute.

Discharge in gal., per min. of flowing well 20 gpm

How Tested house pump Length of Test 8 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 Number
Bill 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.

41142

#4844

169878

I certify that I received this instrument on this 13th day of June 1966 at 2:40 o'clock P.M.

F. G. Moore
COUNTY RECORDER

By *Mary M. Kelly*
DEPUTY

Fee \$2.00

50
3
W
2

County Ravalli Twp. 6 North Rge. 20 West
Folder # 2

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
16	Kaplan, John H.		4162	
16	Beckham, Dennis	GW-2	5634	
16	Harvey, Neva & Alvin		4158	
16	" "	GW-2	5143	
16	Wood, Bill	GW-2	5467	
17	Clasey, L.A. & Adam R.	GW-2	5760	
17	Brumwell, Frank		1941	
17	" "		1942	
17	Bitter Root Stock Farm, Inc.		2079	
17	Webb, R. W. & Helena T.		2247	
17	Staton, Peter M. & Mary E. well log			
17	Wood, Dale & Dale		1897	
18	Schwarz, Oscar H. & Anna		1621	
18	Flary, Harold B.	GW-2	5922	
18	Flary, Harold	GW-2	5352	
18	Harkin, Herald	GW-2	5618	
18	Harris, Donald L.	GW-2	4165	
18	Harris, Ward E.	GW-2	1871	
18	Day, Arthur H. & Berma		4131	
18	" "		4130	
18	Anderson, Jesse R.		2895	
18	" "	GW-3	2894	
18	Angel, Chester & Marvel	GW-2	177048	
18	Brown, George H.	GW-2	5413	
18	Bessonyey, Margit	GW-2	5271	
18	" "	GW-4	1735	
18	" "	GW-4	1734	
18	Bitter Root Stock Farm, Inc.	GW-3	2293	
18	Bell, Art B.	GW-2	177073	
18	Black, Helen B.	GW-2	5658	
18	Mauer, J. Ralph		4700	
18	Richards, Tom & Cheryl	GW-2	6041	
18	Miller, Robert & Mary E.		2487	
18	Linster, Clarence		1609	
18	" "		1608	
18	Wilkinson, Sussie		2378	
18	Wiffard, Chammis	GW-2	5559	
18	Zerbst, Arnold	GW-2	5957	
19	Ford, Keith	GW-2	4839	
19	Bessonyey, Margit & Sigurd	GW-3	2658	
20	Bitter Root Stock Farm, Inc.		2086	
20	" "		2084	
20	" "		2085	
20	" "	GW-2	5012	
20	" "	GW-3	2081	
21	" "	GW-2	4936	

County Ravalli Twp. 6 North Rge. 20 West

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
21	Better Post Stock Farm Inc	GW-2	170963	
21	" "	GW-4	2076	
21	" "	GW-4	2077	
22	Rymaldis, J. Earl		168063	
23	Karlson, Victor		2562	
23	Frost, Wyatt W.	GW-2	2505	
23	Flinders, Earl T.		4792	
23	Byron, Louis	GW-3	168033	
23	" "		168034	
23	Byrge, Allen	GW-2	5321	
24	Lakeman, Morris	GW-2	4832	
24	Bain, Allen & Evelyn		2766	
24	Better Post Equipment Co	well log		
25	Harrison, Myrtle		2918	
25	Williamson, Charles O.	GW-2	191598	
26	Flinders, Earl T.		4242	
27	Better Post Stock Farm Inc	GW-2	5145	
27	" "	GW-4	2083	
27	" "	GW-4	2075	
27	" "	GW-4	2078	
27	" "	GW-4	2082	
28	" "	GW-4	2087	
28	Black, Charles R.		4051	
28	Webb, Roy & Lucy J.		2390	
30	Webb, Allen	GW-2	5316	
30	Taylor, Jerry E.	GW-4	1647	
30	Tessier, Dalton & Elsie	GW-4	4255	
30	Thompson, S. & Ruby & Harold	GW-4	1713	
30	Summers, Scalle		4290	
30	Stiner, C. O.	GW-2	5780	
30	Middleberg, Minnie & Hubert	GW-2	4843	
30	Memoet, Leishan J. & Donna		1957	
30	Morris, Max & Wanda	GW-2	5911	
30	Mathias, Glenn E.	well log		
30	Marchessault, Edward P.		2414	
30	Lundberg, Carl G.	GW-2	4643	
30	Mathias, Glenn E.		4072	
30	Laws, Margaret	GW-4	4348	
30	Laws, Ralph & Margaret	GW-2	5900	
30	Langley, Vernon S.		4763	
30	Boquist, Perli, Edward		1963	
30	Kurtz, Paul & Hazel		2559	
30	" "		2558	
30	Kach, Ethel	GW-2	5850	
30	Kellogg, J. L.	GW-2	5502	
30	Jensen, Melvin	GW-2	5460	

County Ravalli Twp. 6 North Rge. 20 West

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
30	Johnson, Herb	GW-2		
30	Hughes, Leonard & wife		2525	
30	" "		2526	
30	Martinson, J. E. & Myrtle	GW-2	5244	
30	City of Hamilton		4084	
30	Tragary, Myrtle		4163	
30	Thout, George & Corbin		2750	
30	Thelbraith, D. W.		4840	
30	Froese, John P.	GW-3	2668	
30	" "	GW-2	5908	
30	" "	GW-4	2667	
30	Dawling, Donald E.		3048	
30	Delaney, Frank		4758	
30	Angeloff, Spino		2862	
30	Anderson, William R.	GW-4	2480	
30	Allen, Beatrice	GW-4	2891	
30	Bullack, Clarence E.	GW-4	4077	
30	Brady, William	GW-2	4966	
30	Brown, A. D. & Alma E.	GW-2	163154	
30	Cain, Jack	GW-2	4436	
30	" "	well log		
30	Cain, John & Mildred	GW-4	1805	
30	Carmen, Martha A.		2995	
30	Christensen, Robert D.	GW-2	4906	
30	Clifford, Carlton Malcolm	GW-4	2397	
30	Conrad, Mignon E.		2100	
30	McStruckey, Timothy	GW-2	5241	
30	Olen, Alvin & Euline		2318	
30	Quinn, E. C. & Louise		2337	
30	" "	GW-2	5674	
30	" "	GW-3	2338	
30	Petty & Charles & Thoma	GW-4	4219	
30	Richards, Thomas W.	GW-2	5770	
30	Roberts, Ernest M.	GW-4	1797	
30	" "	well log		
30	Rosenhaus, R. E.		4644	
30	" "	GW-2	4918	
30	Roth, Jean	GW-2	4522	
30	Sanders, Howard & Mary	GW-2	5916	
30	Sindel, Neana & Frank		2960	
30	Sprattman, Esther		4385	
30	Tendler, Lawrence H.	well log		
30	Dulman, Frank	GW-2	5746	
30	Sorenson, Mark J. & Esthede		4076	
30	Beard, Larry	GW-2	5568	
30	Hill, Willard	well log	6206	

10

File No.

T. 6 N R. 20W

DUPLICATE

County RAVALLI

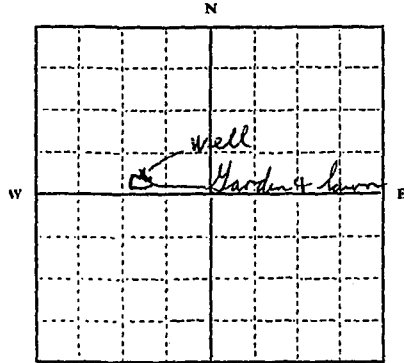
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 17 1964
ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John H. Kaphammer, of Route 2 Box 199, Hamilton
(Name of Appropriator) (Address) (Town)
RAVALLI (County) Montana (State)
County of _____ State of _____
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S 1/2
NW Sec. 16 T. 6N R. 20W

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

LOTS 9910 BLOCK 4
CORVALLIS TRACT

2. The beneficial use on which the claim is based irrigating garden, lawn, stockwater, and Household use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1920 and use has been continuous since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof about 1/4 acre of garden and lawn near house. Owned by John H. Kaphammer.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal A deep well jet pump with a well located under building 40 ft. north of house.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. about 1920.

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. Drilled well with 5 inch casing about 90 feet deep.

10. The estimated amount of groundwater withdrawn each year. About 200,000 gallon.

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

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

Signature of Owner John H. Kaphammer

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.

37726

#462

I certify that I received and filed this
instrument on this 31st
day of Dec. 1963 at 5:38
o'clock P. M.
F. H. Moore
COUNTY RECORDER
By: Shirley Keith
CLERK

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner DENNIS BUCKHAM

Address H.E.

N.E. HAMILTON, MONTANA

Date well started JUNE 1, 1972

completed JUNE 6, 1972

For Administrator's Use	
File #	<u>5634</u>
Date	<u>June 9, 1972 4:00 p.m.</u>
GW #	<u>1</u>

Type of well DRILLED

(Dug, driven, bored or drilled)

Equipment used CHURN

(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

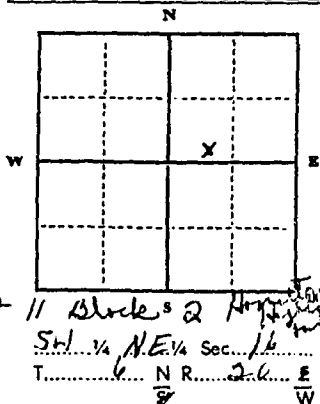
Industrial Drainage Other Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>8" I.D.</u>	<u>6-5/8" OD 17 lbs. 1/4" side-wall</u>	<u>ground level</u>	<u>89 ft.</u>	<u>none</u>	<u>none</u>	<u>none</u>



Static water level 73 ft.*
Pumping water level 86 ft.*
at 32 gallons per minute,
measured 60 minutes after pumping began.

*Measured from ground level.
Well developed by ball test
for 3 hours.

Power PROPANE Pump HP

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

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

Driller's Signature Glenn L. Williams

Driller's Address 1508 So. 5th N. MISSOULA, MONTANA

LICENSE NO. 151

County Powell

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>GL.</u>	<u>84'</u>	<u>Tan clay, sand and gravel</u>
<u>24'</u>	<u>25'</u>	<u>Surface water, sand and gravel</u>
<u>25'</u>	<u>78'</u>	<u>Tan clay, silt, sand and gravel</u>
<u>78'</u>	<u>79'</u>	<u>Sand, pea-gravel and silt water</u>
<u>79'</u>	<u>88'</u>	<u>Tan clay, sand and silt</u>
<u>88'</u>	<u>89'</u>	<u>Sand, gravel and water</u>

89 ft. Show exact depth of bottom

50,573

5634

I certify that I received and filed this
Instrument on this 9th
day of June 19 72 at 4:00
o'clock P.M.
F. S. Moore
COUNTY RECORDER
By Fee 2.00
Deputy

GW

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

File No.

T. 6 N R 20 W

DUPLICATE

County Beavertail

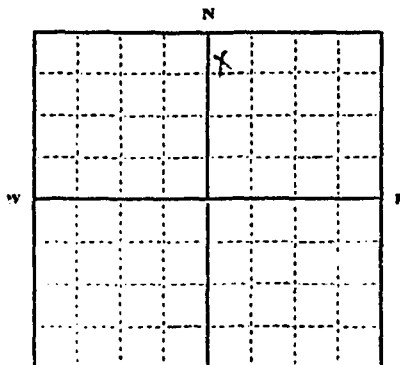
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 17 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Marvella or Gladys Harvey of R 2 170v 197 Hamilton
(Name of Appropriator) (Address) (Town)
County of Beavertail State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 1 2 3 4 5 6 7 8 - Block 2

1/4 Sec. 16, T. 6, R. 20 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. household
livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1910 continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 3 gallon

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. electric
pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1910

8. The depth of water table 46 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. 4 in casing 9.6 feet deep
shallow pit

10. The estimated amount of groundwater withdrawn each year. 100,000

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

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.

Gladys Harvey
Signature of Owner Marvella P. Harvey

Date Dec 30, 1963

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

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

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

37722

#458

I certify that I received and filed this
instrument on this 31st
day of Dec, 1963, at 5:34
o'clock 8 M.

F. G. Moore
COUNTY RECORDER
By Sturley Keith
DEPUTY

File No.....

T.....R.....

DUPLICATE

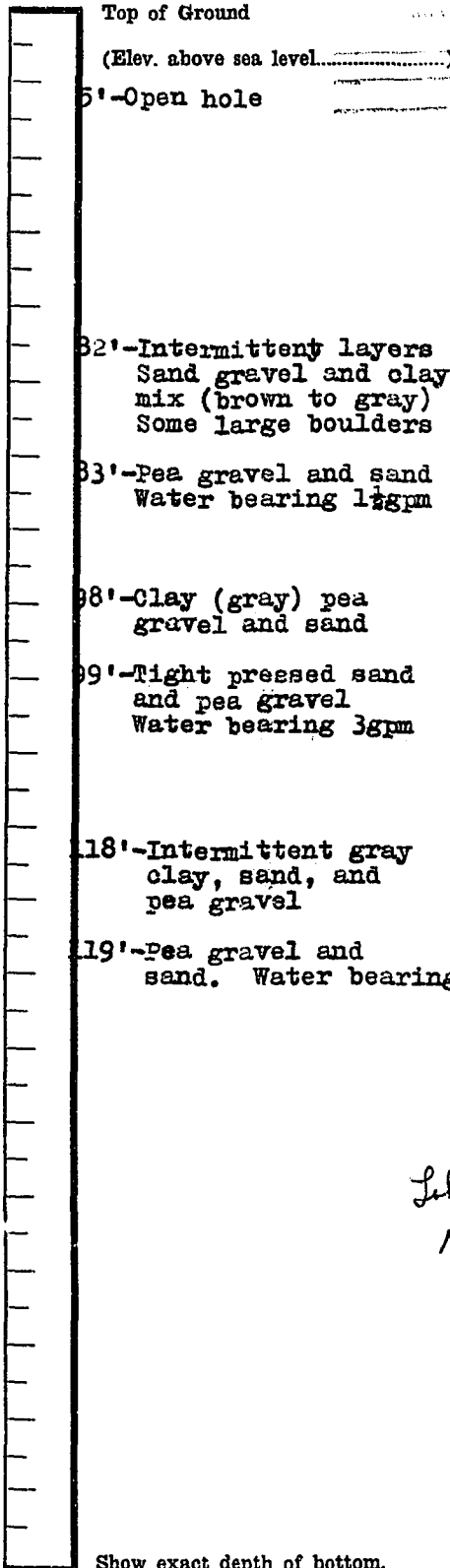
GOVERNMENTAL RESOURCES BOARD

County.....Ravalli.....

LOG

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD



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

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

Owner H. K. Harvey Address NE of Hamilton, Mont.
C. F. Wroble
Driller Ravalli Drilling Co. Address Victor, Montana

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

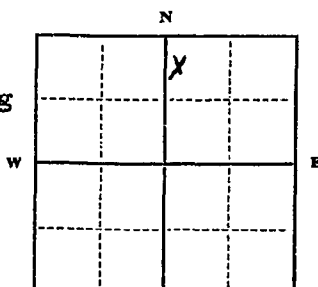
Date well started April 30, 1969 Date completed May 2, 1969

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 lbs. per ft.	5	115			



Static Water Level for non-flowing well 82 feet.

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

Pumping Water Level 93 feet at 15 gal. per minute.

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

How Tested Baled 3 hrs.

Length of Test pumped 24 hrs.

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

Lot 8 B1K 2 Hamilton Heights

N. 1/4 NE Sec. 16, T. 6, R. 50
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.

.....62.....
Driller's License Number

C. F. Wroble
Driller's Signature.

45, 223

#5-143

I certify that I received and filed this
instrument on this 13th
day of May, 1969 at 9:55
o'clock A.M.

J. G. Moore
COUNTY RECORDER

By Free 2.00
DEPUTY

RECEIVED
MAY 13 1969
COUNTY RECORDER
CLERK

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Bill Wood

Address Hamilton Heights

Hamilton, Montana

Date well started August 2, 1971 GW 1

completed August 4, 1971

For Administrator's Use	
File	<u>5467</u>
	<u>August 4, 1971</u>
	<u>2:25 PM</u>

Type of well Drilled
(Dug driven, bored or drilled)

Equipment used Churn Drill
(Churn drill, rotary or other)

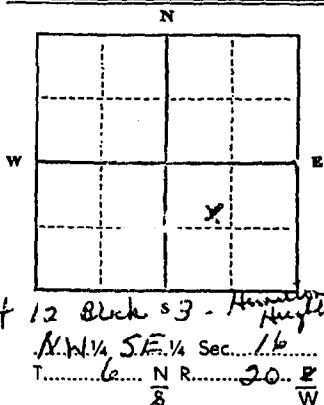
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL unknown

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Blud Size	From (Feet)	To (Feet)
6"	17 lbs. per ft.	0	113	3/16x5	103	113



Static water level 83 ft.*
Pumping water level 110 ft.*
at 10 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by bulging
for 2 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature Charles Wood Navalli Drilling Co.

Driller's Address Box 27, Victor, Montana

LICENSE NO. 100

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	1	Topsoil
1	102	Intermittent layers Sand, gravel, clay
102	115	Sand, gravel water bearing

115 Show exact depth of bottom

48831

15 467

I certify that I received and filed this
instrument on this 4th
day of Dec, 1971, at 2:25
o'clock P.M.

F. L. Moore
COUNTY RECORDER

By Fee 2.00
DEPUTY

DUPLICATE

Ravalli County

MONTANA WATER RESOURCES BOARD
RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

JUL 31 1968

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

(Under Chapter 237, Montana Session Laws, 1961)

L. A. + Adah R.

Owner Vasey Address Corvallis, Montana

Driller C. F. Wroble
Ravalli Drilling Company Address Victor, Montana

Date of Notice of Appropriation of Groundwater

Date well started July 24, 1968 Date Completed July 25, 1968

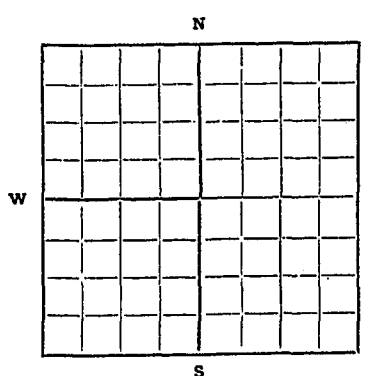
Type of well Drilled Equipment Used Churn
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic () Municipal () Stock () Irrigation ()
Industrial () Drainage () Other ()

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

1 ft. - Topsoil
19 ft. - Sand Gravel and Boulders
32 ft. - Clay
46 ft. - Sand and Gravel Clay mixed
50 ft. - Sand and Gravel, Water Bearing

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	15 lb. per ft.	0	50	3/16x5	45	50



SW 1/4 NE 1/4 Sec. 17, T. 6N, R. 20W
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 30 feet.
Shut-in Pressure for Flowing Well

Pumping Water Level 43 feet at 20 gal. per minute.
Discharge in gal., per min. of flowing well

How Tested Baled Length of Test 2 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)

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

44,463

#5-060

I certify that I received and filed this
instrument on this 30
day of July 1968 at 10:35
o'clock P.M.
F. G. Moore
COUNTY RECORDER
By F. G. Moore
DEPUTY

File No. 1941

T. 6 N R. 20 E 17
County Corvallis

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

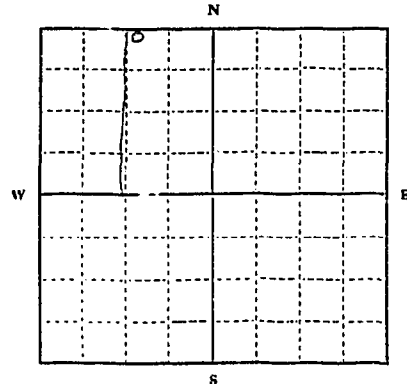
RECEIVED
DEC 13 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Frank Brumwell, of Route #1, Corvallis
(Name of Appropriator) (Address) (Town)

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



NWNE 1/4 Sec. 17, T. 6, R. 20

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 and Garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1934
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 gal
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 8000 1/2 acre
- 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. 1934
- 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. Driven Well - 2.5 feet deep - Size 1 1/2 inches
- 10. The estimated amount of groundwater withdrawn each year. 6000
- 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 Frank Brumwell
Date Dec 12, 63

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

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

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

I certify that I received and filed this
instrument on this 12
day of Dec 1963 at 1:46
o'clock P.M.
F. K. Moore
COUNTY RECORDER

By _____ DEPUTY

STATE ENGINEER
RECORDED