

88533

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

MARLIN GILMAN

RECEIVED
POWELL COUNTY, MONTANA

June 28th 1973

at _____ minutes past 2:10 o'clock

P. M.

Bonnie J. Miller

Clerk and Recorder

By _____

Ast. Deputy

Fee \$ 2.00

83918

RECEIVED
POWELL COUNTY, MONTANA

November 6th 19 70

at _____ minutes past 3:45 o'clock

P. M.

Elfa McDonough

Clerk and Recorder

By _____ Deputy

Fee \$ _____

Doc. No. 83016
Filed for record
this 31 day of March
A. D. 19 70 at 2:00
P. M.

County _____

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 Joseph Sabalke, Sr.
Address Deer Lodge, Montana
Date well started Feb. 23, 1970
completed Feb. 24, 1970

For Administrator's Use
File _____
GW 1 _____

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

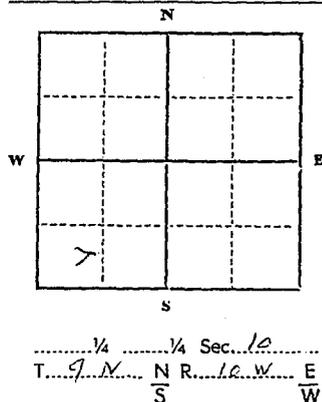
Equipment used churn drill
(Churn drill, rotary or other)

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 _____

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	6" I.D. 17 lb.	0'	105'	cutting tooth	106'	110'



Static water level 52 ft.*
Pumping water level 52 ft.*
at 20 gallons per minute,
measured _____ minutes after pumping
began.

*Measured from ground level.
Well developed by 30 hours
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 Emmett O'Keefe

Driller's Address Moore Drilling Co.

Butte, Montana LICENSE NO. 0

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)	
0	25	old well
25	30	sand & gravel
30	35	clay & sand
35	110	sand gravel

110 Show exact depth of bottom

83016

RECEIVED
POWELL COUNTY, MONTANA

March 31 19 70

at _____ minutes past 2:00 o'clock

P. M.

Elfa McDonough

Clerk and Recorder

By _____ Deputy

Fee \$ _____

88534

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

MARLIN GILMAN

RECEIVED

POWELL COUNTY, MONTANA

June 28th 19 73

at _____ minutes past 2:15 o'clock

P.M.

Bernice J. Miller
Clerk and Recorder

By

E.P.
Asst. Deputy

Fee \$ 2.00

73033

DECLARATION OF VESTED GROUND-
WATER RIGHTS

RICHARD McGLLVRAY

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 4:25 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____
Deputy

Fee \$ 2.00 Paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
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 88535

June 28, 1973

GW 1 2:20 p.m.

Owner Vernon L. Gilman & Violet Gilman, husband & wife, and Marlin Gilman & Donna Gilman, husband & wife.

Address Gartison, Montana.

Contractor (if any) gravel pit dug during highway construction.

Address of Contractor

Date Started June, 1972 Date Completed Sept., 1972.

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) gravel pit collects sub-surface waters; that said gravel pit covers approximately 15 acres.

2. Means of withdrawing water (gravity, pump, canal, etc.) by a Crisafulli 8" pump and pipe.

3. Depth of water table 20 feet

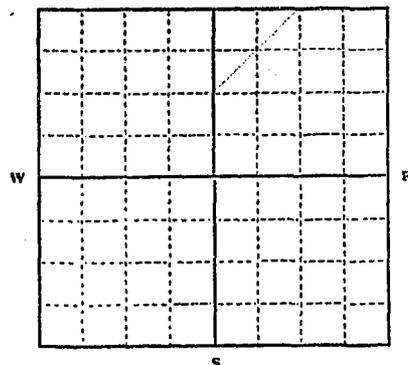
4. Use of the water irrigation.

5. Amount of groundwater claimed (in miner's inches or gallons per minute) All of water in gravel pit at this time.

6. If used for irrigation, give number of acres and description of land NW4NE4, Section 15, T9N, R10W; all of lands subject to irrigation in Section 15

7. Estimate amount of water used each year All of water collected in said pit. This being the first year pit filled and no measurement available at this time.

8. Months of year spring flows April to November.



NW ¼ NE ¼ Sec. 15

T. 9 N R. 10 ex
S W

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

Marlin Gilman
Donna Gilman

Signature of Owner

Date

June 27, 1973

54452

88535

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION WITHOUT WELL

VERNON L. GILMAN et ux
MARLIN GILMAN et ux

RECEIVED
POWELL COUNTY, MONTANA

June 28th 1973

at _____ minutes past 2:20 o'clock

P. M.

Bonnie J. Miller
Clerk and Recorder

By _____
Asst. Deputy

Fee \$ 2.00

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

County Rowel

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 10 1961

WATER WELL LOG

STATE ENGINEER

Owner Elmer H. Chase Address Box 662

Anaconda Montana

Driller C. J. Froble Address Millers Creek Road 1

Anaconda Montana

Date Started Feb. 7 1961 Date Completed Feb. 9 1961

Location: Sec. 15 T. 9 N R. 10 W 1/4 sec. 784 221/4

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other:.....

Casing: Surface ft. to 21' ft. Type Standard Size 6"

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

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

Perforated or Screened: Ft. 19 to ft. 21 Ft. to ft.

Type of screen or perforations 5/16" x 4" slots

Static Water level, for non-flowing well: 4' feet.

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

Pumping water level 8'6" feet at 30 gal. per min.

How tested: umped

Length of test 1 hr.

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

.....
.....
.....
.....
.....

(over)

File No.

T. 9 R. 10

DUPLICATE

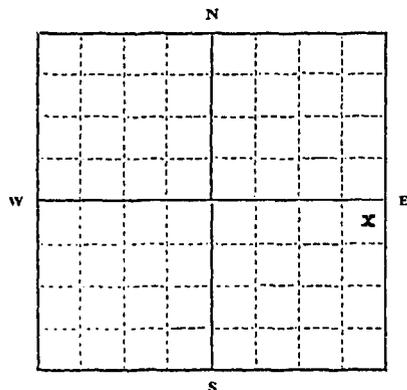
County... Powell

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



NE ¹¹ 1/4 Sec. 22 T. 9 R. 10

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
date indefinite
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
6 gallon per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
Just yard use
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.....
drilled well with 6 inch casing
8. The depth of water table.....
10 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.....
None
10. The estimated amount of groundwater withdrawn each year.....
indefinite
11. The log of formations encountered in the drilling of each well if available.....
unavailable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....
None

Doc. No. 83401
Filed for record
this 10 day of July
A. D. 19 70, at 10:25
o'clock A. M.

Signature of Owner Vernon J. Johnson
Date..... July 10, 1970

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.

46669

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.

83401

DECLARATION OF VESTED GROUNDWATER
RIGHTS

VERNON J. JOHNSON

RECEIVED
POWELL COUNTY, MONTANA

July 10th 1970

at _____ minutes past 10:05 o'clock

A. M.

Elfa McDonough

Clerk and Recorder

By _____

Deputy

Fee \$ _____

File No.

T. 9 R. 10

TRIPPLICATE

County Powell

LOG

NOV 12 1971

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level 4,000)

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

(Under Chapter 237, Montana Session Laws, 1961)

Doc. No. 85472
Filed for record
this 8 day of October
A. D. 19 71, at 9:55
o'clock A M.

Owner Richard H. McGillivray Address Garrison, Montana

Driller Richard H. McGillivray Address Garrison, Montana

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

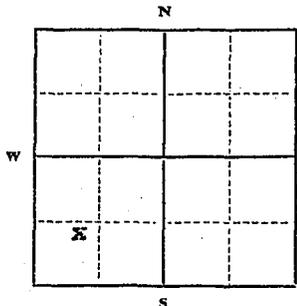
Date well started Aug. 25, 1971 Date completed Aug. 26, 1971

Type of well driven Equipment used other
(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)
2 in.	2 in.	4000	4022			



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

Shut-in Pressure for Flowing Well n/a

Pumping Water Level 22 feet
at unknown gal. per minute.

Discharge in gal. per min. of flowing well
.....N/A.....

How Tested N/A

Length of Test N/A

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

Cement packing
1 1/2" shutoff

SW 1/4 Sec 23 T. 9 R. 10
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).

N.A.

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

Richard H. McGillivray
Driller's Signature

49207

85472

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

RICHARD H. MCGILLVRAY

RECEIVED
POWELL COUNTY, MONTANA

October 8th 19 71

at _____ minutes past 9:55 o'clock

A.M.

Bonnie J. Miller
Clerk and Recorder

By *E.A.*
Asst. Deputy

Fee \$ 2.00+

File No.

T. **9N** R. **10W**

DUPLICATE

County **Powell**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 6 1963
STATE ENGINEER

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

1 Northern Pacific Railway Co. of **N.P. Depot** **Garrison**
(Name of Appropriator) (Address) (Town)
County of **Powell** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

			X		

SW $\frac{1}{4}$ NE Sec. **23** T **9N** R. **10W**

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 purposes, emergency train water, and fire protection
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
March 15, 1940 to present
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.....
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
Start Jan. 25, 1940 Completion Mar. 15, 1940

8. The depth of water table..... **10 feet**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
6 inch drilled well, 172 feet deep

10. The estimated amount of groundwater withdrawn each year..... **500,000 gals.**

11. The log of formations encountered in the drilling of each well if available..... **see attached log 37**

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

Signature of Owner.....

Date..... **NOV 8 '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.

7911

72783

DECLARATION OF VESTED GROUND-
WATER RIGHTS

NORTHERN PACIFIC RAILWAY CO.
(N.P. Depot - Garrison)

RECEIVED
POWELL COUNTY, MONTANA

December 5th, 19 63
at _____ minutes past 11:10 o'clock
_____ A.M.

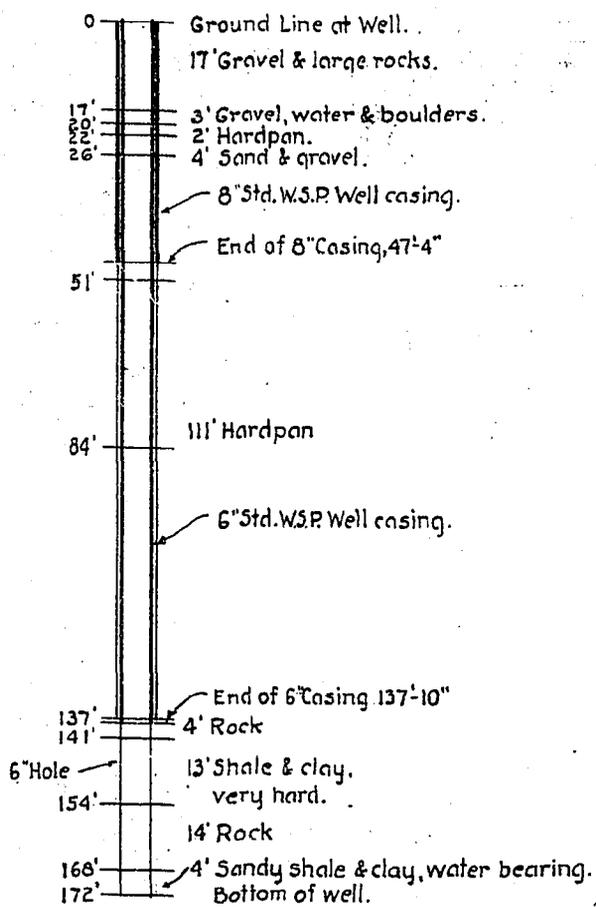
Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$2.00 Paid

Garrison, Mont., Drilled Well at Depot. A.F.E. 601-39. Montana 3
Rocky Mountain, W.V.

Drilling Begun Jan. 25, 1940
 Completed Mar. 15, 1940
 Total depth of well 172 ft.
 Drilled by A.M. Boelter,
 N.P.Ry. Employee.



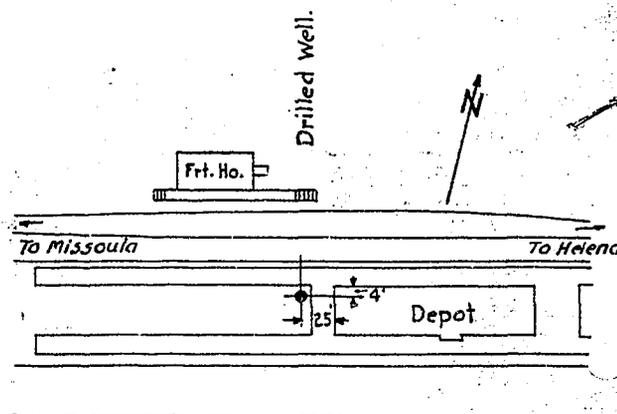
Scale 1"=30'

Water Analysis (as Calcium Carbonate)

Calcium Bicarbonate	1.4	G.P.G.
Magnesium	0.4	"
Sodium Bicarbonate	1.2	"
" Bicarbonate	8.3	"
Silica	0.4	"
Sodium Sulphate	4.5	"
" Chloride	0.8	"
pH	8.5	"

Pumping tests-
 Static W.L. 10' Below G.L. Mar. 19-40.
 @ 20 G.P.M., W.L. 51' " " " 19-40.
 @ 30 G.P.M., W.L. 84' " " " 19-40.

Capacity 1800 Gal./hour, Test Mar. 1940.



3-14-40.

File No.

T. 9 N. R. 10 W.

DUPLICATE

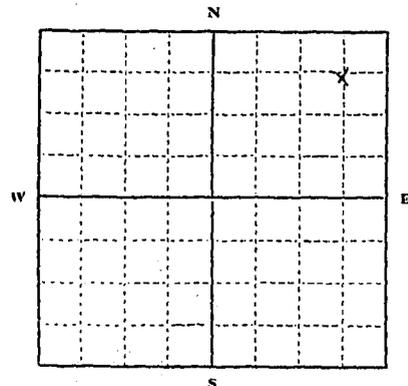
County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

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

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



NE 1/4 NE 1/4 Sec 24 T9N R10W

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. Commercial use
STOCK RAISING

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1500 GAL MIN

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. NOT APPLICABLE

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. Commencement + Completion 1953

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. Drilled well, 6 inch well
16 feet deep.

10. The estimated amount of groundwater withdrawn each year. 500 Million 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. NO RECORD

Signature of Owner Edward Mollenberg

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.

29337

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ntain, W.

bonate)
G.

19-40.
19-40.
19-40.
r. 1940.

To Helena

3-14-40.

73038

DECLARATION OF VESTED GROUND-
WATER RIGHTS

EDWARD MOLLENBERG

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 4:30 o'clock
P. M.

By Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

GW 2

File No.

DUPLICATE

T. 9 N. R. 10 W

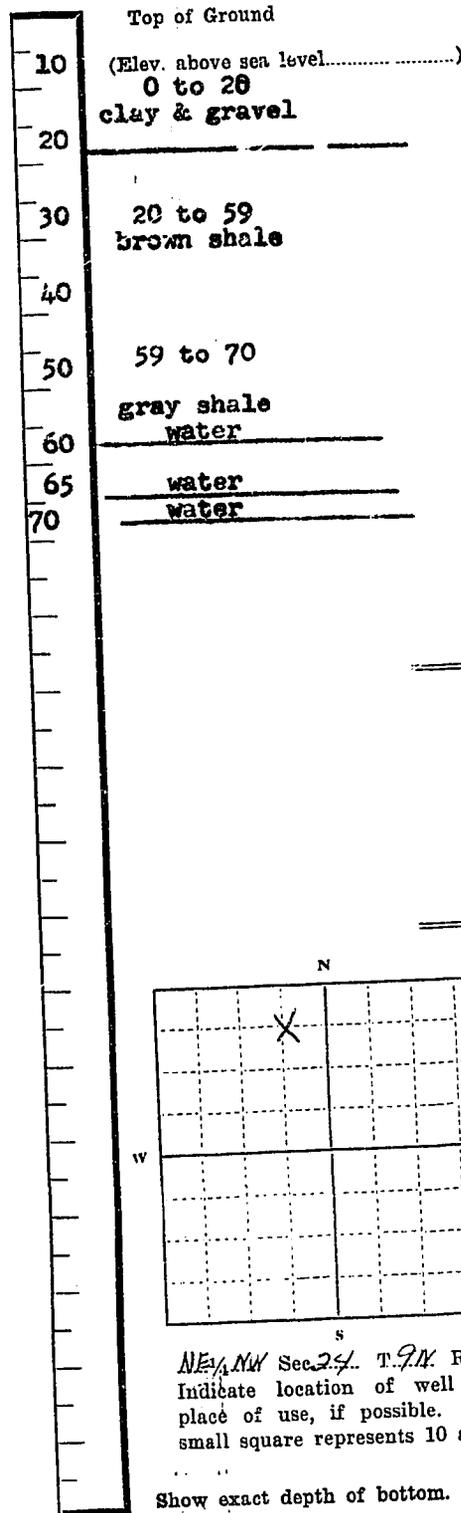
County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 13 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner Tom Sherlock Address Garrison, Mont.

Driller O'Keefe Drilling Co. Address Butte, Mont.

Date of Notice of Appropriation of Groundwater.....

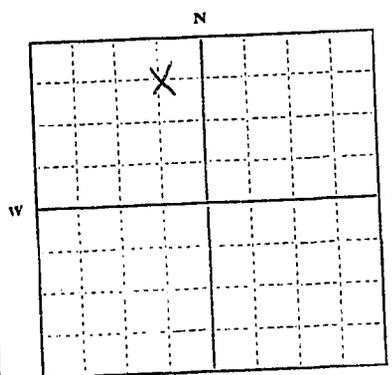
Date well started Sept. 2 63 Date Completed Sept. 6 1963

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>X 3/4"</u>	<u>X 3/4" 15#</u>	<u>0</u>	<u>70</u>	<u>cutting torch</u>	<u>59</u>	<u>63</u>
<u>5"</u>	<u>5# 15#</u>				<u>65</u>	<u>70</u>



NE 1/4 NW Sec. 24 T. 9 N. R. 10 W
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.....feet.

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

Pumping Water Level 65 feet at 5 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).....

Mont. License No. 8

Driller's License Number

Edward K. O'Keefe
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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

31439

73159

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION BY MEANS OF WELL

TOM SHERLOCK

RECEIVED
POWELL COUNTY, MONTANA

January 9th, 19 64.
at _____ minutes past 11:05 o'clock
_____ A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____
Deputy

Fee \$2.00 Paid

GV.

File No.

SECTION 10

T. 9 N. R. 10 W.

DUPLICATE

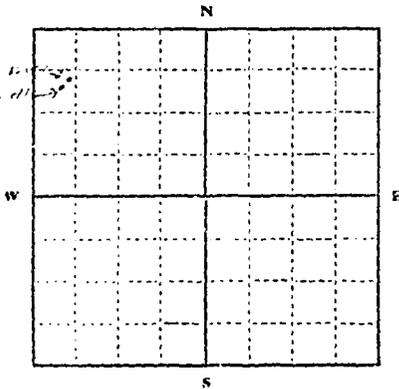
County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Warren W. Welch of Box 668 Garrison
(Name of Appropriator) (Address) (Town)
County of Powell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 24 T. 9 N. R. 10 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 Personal, Cafe, Service Station and Motel

3. Date or approximate of earliest beneficial use; and how continuous the use has been all, August 1950, Continuous since 1950 #2 Well, May 1951, Continuous since 1951

4. The amount of groundwater claimed (in miner's inches or gallons per minute) #1 Well - 5 Gals. Per Min. #2 Well - 3 Gals. 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 Not used for irrigation

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

7. The date of commencement ~~with~~ completion of the construction of the well, wells, or other works for withdrawal of groundwater. #1, August 1950; #2 well, May 1951.

8. The depth of water table. #1 Unknown; #2 Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. #1 is a drilled well, 55 feet deep, 6" casing. #2 is a drilled well, 63 feet deep, 6" casing.

10. The estimated amount of groundwater withdrawn each year. #1 Well, 1,095,000 Gals. #2 Well, 730,000 Gals.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. #1 Well is located at rear of Cafe, and #2 Well is located at rear of #1 Cabin.

Signature of Owner Warren Welch

Date March 18, 1966

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.

1096-7

77185

DECLARATION OF VESTED GROUND-
WATER RIGHTS

WARREN W. WELCH

RECEIVED
POWELL COUNTY, MONTANA
April 12th, 1966

at _____ minutes past 10:20 o'clock
_____ A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No. _____

T. 9 NORTH 10 WEST

DUPLICATE

County Powell

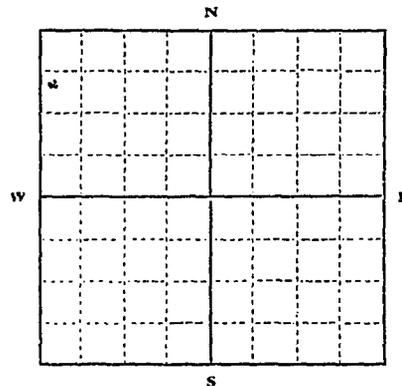
FEB 28 1971

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NW 1/4 Sec 37 T 9 N R 10 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 DOMESTIC CONSUMPTION & IRRIGATION
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946 TO 1971
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 GPM 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 1/4 ACRE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal DEEP WELL-JET PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1946 AND COMPLETED 1946
8. The depth of water table 45 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 ONE WELL WITH DEPTH OF 45 FT WITH 6" CASING
10. The estimated amount of groundwater withdrawn each year 684,000 GPM
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 _____

Doc. No. 84326
Filed for record
this 19 day of February
A. D. 19 71, at 12:00
o'clock A.M.

Signature of Owner Kenneth A Wood
Date 1.15.71

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.

48155

84326

DECLARATION OF VESTED GROUNDWATER
RIGHTS

KENNETH A. WOOD

RECEIVED
POWELL COUNTY, MONTANA

February 19th 19 71
at _____ minutes past 10:00 o'clock
_____ A. M.

Bonnie J. Miller
Clerk and Recorder
By _____ E.P.
Asst. Deputy

Fee \$ 2.00+

G

File No.

DUPLICATE

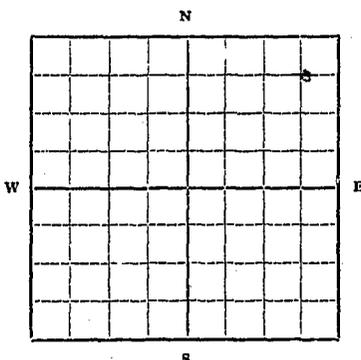
T. 7 N R. 10
County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

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

1. George McGillis, of 402 Chaggett Deer Lake, (Name of Appropriator) (Address) (Town)
County of Powell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 26, T. 7, R. 10
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based
Household
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Oct. 1956 CONTINUOUS
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
9 gallons per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
PUMP

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Sept 11, 1956 - Sept 11, 1956
- 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
Well is 110'
- 10. The estimated amount of groundwater withdrawn each year
amount for domestic use
- 11. The log of formations encountered in the drilling of each well if available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner George McGillis
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 School of Mines and Quadruplicate for the Appropriator.

29333

GW 2

Log # 14

2120-3960-01-02-1650

155; Et. of Sta. 392+20

Approved Stock Form—State Publishing Co., Helena, Montana—4193a

File No.....

T 9 N R 9 W

DUPLICATE

County... Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 14 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Montana Highway Commission Address Helena, Montana

Driller Montana Highway Commission Address Helena, Montana

Date of Notice of Appropriation of Groundwater May 4, 1964

Date well started April 28, 1964 Date Completed May 1, 1964

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

Rest Area water supply.

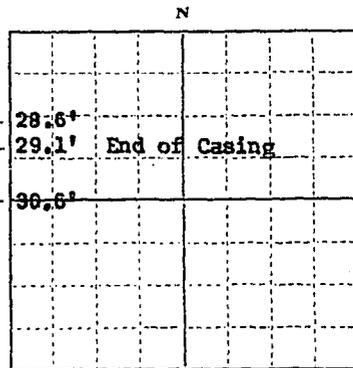
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Top of Ground Silt.
0.6
(Elev. above sea level 4568.2')



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" ID	Steel 19.38 lbs. per foot	0.0'	29.1'	NONE		

TOTAL CASING - 31.1 ft.



NW 1/4 Sec. 1 T 9N R. 9W

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

Show exact depth of bottom. -30.6'

Static Water Level for non-flowing Well 4.6' feet.

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

Pumping Water Level 6.5 feet at 30 gal. per minute.

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

How Tested Pumped Length of Test 3 hr. 20 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) -----

None Required.

Driller's License Number

Driller's Signature W. J. [Signature] Mpls. Engr.

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

3809

73810

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

MONTANA HIGHWAY COMMISSION

RECEIVED
POWELL COUNTY, MONTANA

May 12th, 19 64
at _____ minutes past 9:10 o'clock
A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ NC

File No.

T. 9. N. R. 9. W. 23

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 19 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

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

0' to 22' rocks and gravel
22' to 28' sand and water

Owner John Mollenberg Address Garrison, Montana

Driller Deefe Drilling Co. Address Butte, Montana

Date of Notice of Appropriation of Groundwater.....

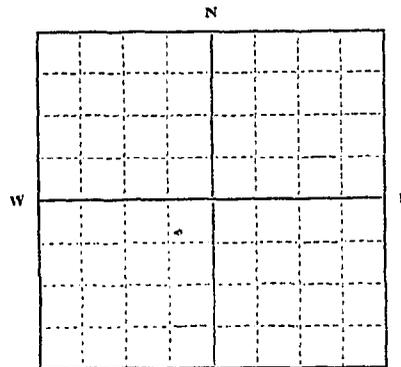
Date well started June 1, 1964 Date Completed June 2, 1964

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 19#	0'	28'	cutting torch	23'	28'



SW $\frac{1}{4}$ Sec. 23 T. 9 R. 9

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

Show exact depth of bottom. 28'

Static Water Level for non-flowing Well..... 4 feet.

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

Pumping Water Level..... 11 feet at..... 20 gal. per minute.

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

How Tested bailer 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).....

Driller's License Number #8

Driller's Signature Edward O. Stape

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

38572

74541

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

JOHN MOLLENBERG

**RECEIVED
POWELL COUNTY, MONTANA**

October 15th, 19 64

at _____ minutes past 10:00 o'clock
A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$2.00 Paid

87010

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

GARY TAVENNER

RECEIVED
POWELL COUNTY, MONTANA

September 5th 19 72

at _____ minutes past 2:30 o'clock

P. M.

Bonnie J. Miller

Clerk and Recorder

By _____ Asst. Deputy

Fee \$ 2.00

87570

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Chuck Hansen et ux

RECEIVED
POWELL COUNTY, MONTANA

January 4th 19 73

minutes past 2:35 o'clock

P. M.

Louise J. Miller
Clerk and Recorder

By *[Signature]*
Asst. Deputy

Fee \$ 2.00

87011

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

RANCH WEST INC.

RECEIVED

POWELL COUNTY, MONTANA

September 5th 19 72

at _____ minutes past 2:35 o'clock

P. M.

Bennie J. Miller

Clerk and Recorder

By _____

Asst. Deputy

Fee \$ 2.00

87404

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

CLYDE A. PERSONS et ux

RECEIVED
POWELL COUNTY, MONTANA

November 29th 19 72

at _____ minutes past 4:30 o'clock

_____ P. M.

Bonnie J. Miller
Clerk and Recorder

By _____
Asst. Deputy

Fee \$ 2.00

73196

DECLARATION OF VESTED GROUND-
WATER RIGHTS

A. P. ABDALLAH

RECEIVED
POWELL COUNTY, MONTANA

January 14th 1964
at _____ minutes past 2:25 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.

T. 9 R. 7

DUPLICATE

MAY 25 1969

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level. 4900)

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0 to 15 ft top soil
15 to 50 clay & sand
50 to 54 gravel
& silt

Owner: T. J. Kettula Address: Wor. Mont.

Driller: Walter Riedel Address: Helena Mont.

Date of Notice of Appropriation of Groundwater: 20th May 69

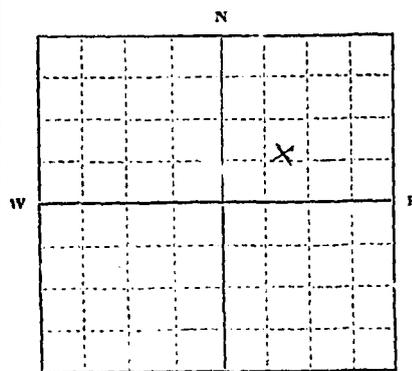
Date well started: May 20, 1969 Date Completed: May 25, 1969

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	1 7/8"	0	54	None		



N.E. 1/4 Sec. 2 T. 9 R. 8
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom. 54 ft.

Static Water Level for non-flowing Well: 24 feet.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 30 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Bailor Length of Test: 2 hr

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

Mont Lic No 49
Driller's License Number

Walter Riedel
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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

45800

82575

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

T. J. KERTTULA

RECEIVED
POWELL COUNTY, MONTANA

November 21 19 69

at _____ minutes past 3:55 o'clock

P. M.

Elfa McDonough

Clerk and Recorder

By _____

Deputy

Fee \$ _____

GW 3

File No.

DUPLICATE

T. 9N. R. 9W.

County Powell

12/13

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1946

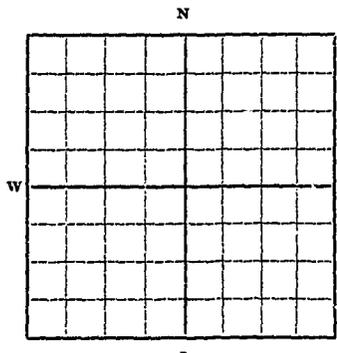
Owner Loren H. Dana Address Box 391, Deer Lodge

Contractor (if any) NONE

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. All springs on following described lands:



	Sec.	Twp.	Rge.
All	7	9N.	9W.
All	12	9N.	9W.
All	13	9N.	9W.
All on N $\frac{1}{2}$ of	14	9N.	9W.

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

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

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

tent estimate approximate lengths of periods of use

Natural flow of all springs in use during the entire time

Signature of Owner Loren H. Dana

Date January 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 School of Mines and Quadruplicate for the Appropriator.

71460

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION WITHOUT WELL

LOREN L. DANA

RECEIVED
POWELL COUNTY, MONT

January 31st, 19 63
at _____ minutes past 3:50 o'clock
_____ P. M.

_____ Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.

T. 9th R. 8th 21

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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

NW 1/4 Sec 27 T. 9. R. 8. 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,
Garden + Lawn
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been Drilled July, 1951
Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 1000 gal. Per day
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 lot 75' x 150'
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 with-
drawal of groundwater July, 1951
8. The depth of water table 10' App
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, Steel casing, 21' deep
10. The estimated amount of groundwater withdrawn each year 350,000 gal
11. The log of formations encountered in the drilling of each well if available Sand
12. Such other information of a similar nature as may be required in carrying out the policy of this act, including
reference to book and page of any county record.

Signature of Owner Clavid Murray

Date Dec 27, 1963

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

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

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

24846

72997

DECLARATION OF VESTED GROUND-
WATER RIGHTS

DAVID MURRAY

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 1:08 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No. _____

T. 9N

R. 7W

DUPLICATE

County Powell

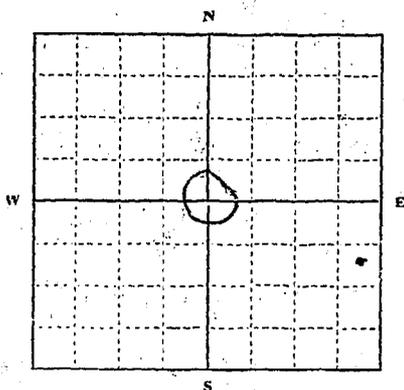
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ed & Ann Dunn, of 2010 Jerome Helena
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/2 1/4 SE Sec. 1, T. 9N R. 7W

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 + Swimming Pool
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1962 and used continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 55 gallons/min. or 5 miners 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 One acre - garden and lawn
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Natural gravity flow, may be pumped for house or pool
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Partially developed - water gathered and diverted thru an eight inch pipe.
8. The depth of water table. Surface - coming out of bank
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
10. The estimated amount of groundwater withdrawn each year. $55 \times 60 \times 24 \times 365 = 2,890,000$ gals/yr.
11. The log of formations encountered in the drilling of each well if available. No log
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. This is a warm spring flow

Signature of Owner

Edward F. Dunn
Ann Dunn

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.

28943

73120

DECLARATION OF VESTED GROUND-
WATER RIGHTS

EDWARD F. DUNN, ET UX

RECEIVED
POWELL COUNTY, MONTANA

January 6th, 1964

at _____ minutes past 9:10 o'clock

A.M.

Daniel B. Hertz, Jr.

Clerk and Recorder

Deputy

Fee \$ 2.00 Paid

70304 .

DECLARATION OF VESTED
GROUNDWATER RIGHTS

ELLISTON ELEMENTARY SCHOOL

RECEIVED
POWELL COUNTY, MONTANA

April 23rd, 1962
at _____ minutes past 10:05 o'clock
A.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$2.00 Paid

