

70141

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

KENNETH C. SMITH

RECEIVED
POWELL COUNTY, MONTANA

March 7th, 19 62
at _____ minutes past 9:25 o'clock
A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$2.00 Paid

GW 2

File No.

DUPLICATE

GW 2

T. 8 R. 9

County *Powell*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner *Kenneth C. Smith* *Box 308* Address *Deer Lodge, Montana*

Driller Address

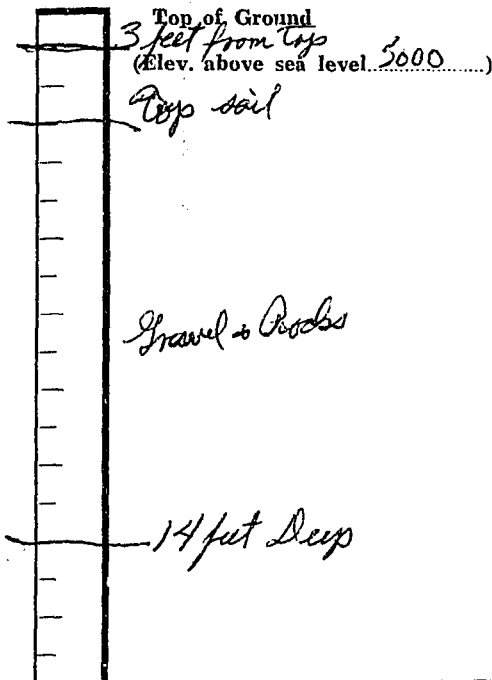
Date of Notice of Appropriation of Groundwater

Date well started *Sept 2 1872* Date Completed *Sept 20 1872*

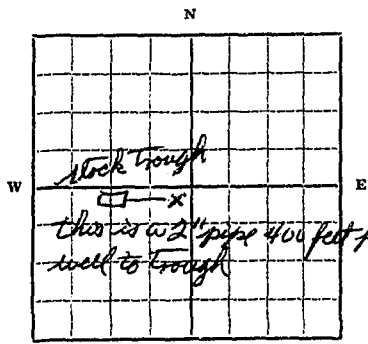
Type of well *Dug* Equipment Used *Pick & Shovel*
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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)
<i>size of dug hole</i>						
<i>6 feet wide 14 feet deep with rock wall</i>						



1/4 Sec. 25, T. 8, R. 9
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 *6* feet at *70* gal. per minute.

Discharge in gal. per min. of flowing well *80*

How Tested Length of Test

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) *used for*

irrigating a garden, also for

watering livestock, and used

for domestic use by pumping

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.

1658

70139

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

KENNETH C. SMITH

RECEIVED
POWELL COUNTY, MONTANA

March 7th, 1962
at _____ minutes past 9:15 o'clock
_____ A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$2.00 Paid

GW 2

File No.

DUPLICATE

GW 2

T. 8 R. 9

County *Powell*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 9 1961

Notice of Completion of Groundwater Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Owner *Bennett C. Smith Box 308 Deer Lodge Montana* Address

Driller Address

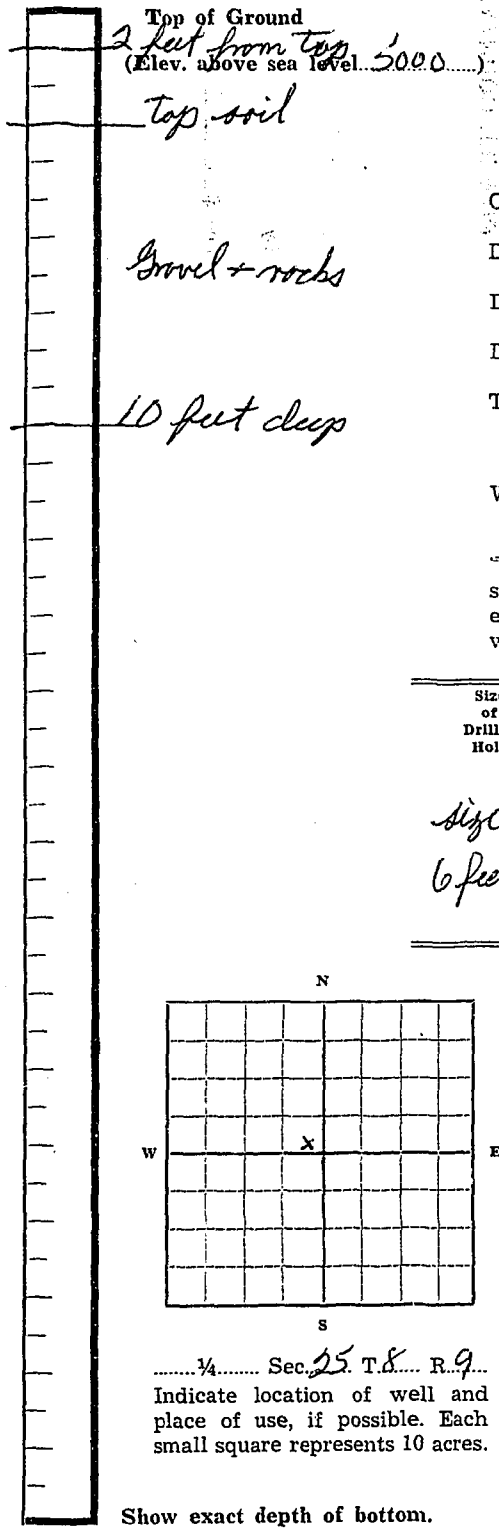
Date of Notice of Appropriation of Groundwater

Date well started *March 1, 1894* Date Completed *April 10, 1894*

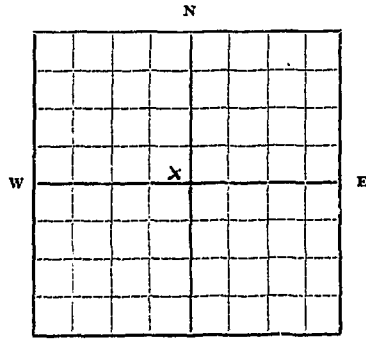
Type of well *Dug* Equipment Used *Pick + Shovel*
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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)
<i>size of dug hole 6 feet wide 10 feet deep with rock wall</i>						



1/4 Sec. *25* T. *8* R. *9*
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well *8* feet.

Shut-in Pressure for Flowing Well

Pumping Water Level *6* feet at *70* gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... Length of Test.....

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 ir. *water in good* for irrigation) *used for irrigating a corn crop*

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.

1659

70140

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

KENNETH C. SMITH

**RECEIVED
POWELL COUNTY, MONTANA**

March 7th, 19 62
at _____ minutes past 9:20 o'clock
A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$2.00 Paid

File No.

APR 7 1966

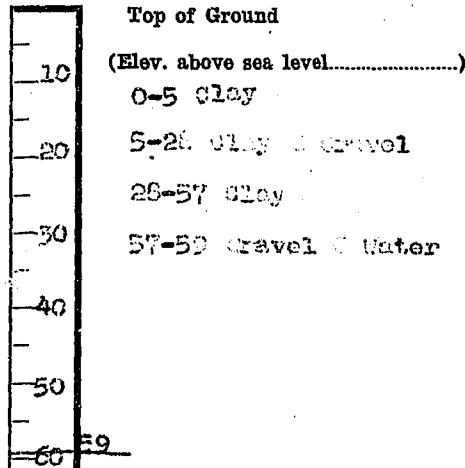
T. 8. N. R. 9. W

DUPLICATE

Billie _____ McDermott _____ County Powell
 Butzerin _____ McNulty _____
 Coyle _____ Morton _____ STATE OF MONTANA
 Darlington _____ Administrator of Groundwater Code
 Dickert _____ Office of State Engineer

Notice of Completion of Groundwater Appropriation by Means of Well

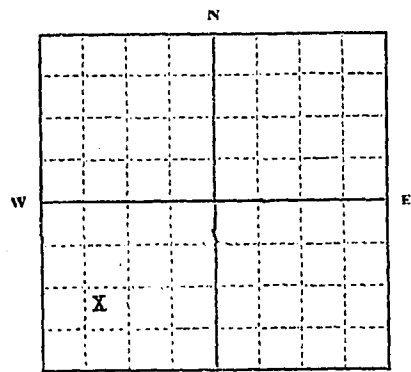
(Under Chapter 237, Montana Session Laws, 1961)



Owner Bob Maxwell Address Peas Lodge
 Driller Emmett O'Keefe Address Peas Lodge
 Date of Notice of Appropriation of Groundwater.....
 Date well started..... Date Completed Mar. 10, 1966
 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" I.D. 17 lb.	0	59	Torch	56	59



SW 1/4 SW 1/4 Sec. 27 T. 8. N. R. 9. 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 12 feet.
 Shut-in Pressure for Flowing Well.....
 Pumping Water Level 22 feet at 18 gal. per minute.
 Discharge in gal. per min. of flowing well.....
 How Tested EMC 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 _____
Emmett 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.

77172

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

ROBERT J. SEWELL

RECEIVED
POWELL COUNTY, MONTANA

April 6th, 19 66

at _____ minutes past 1:45 o'clock

P. M.

Daniel B. Hertz, Jr.

Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

27

File No.

T. 8 N R. 9 W

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

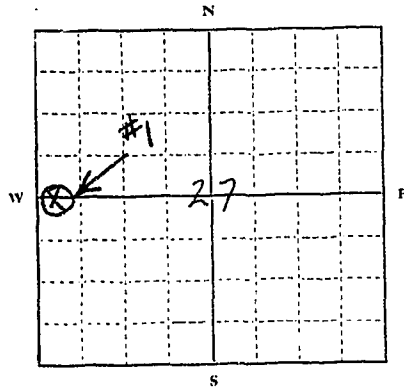
Date of Appropriation of Groundwater #1 Site: 1864
Powell Realty Co., Don F. Valiton &
Owner Margaret B. Valiton Address Deer Lodge, Mont.

Contractor (if any) None

Address of Contractor

Date Started 1864 Date Completed 1960

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



water when applicable #1 Site: Natural springs were ditched to intercept and gather water, including construction of ponds to gather water. Depth to water 2' to 4'. A large crevasse -- one among many -- is about 2' to 3' across and 16' deep, with vertical walls and water is largely concentrated in it. Some new ditching was done by Interstate 90 H/W contractor in 1960; and pond re-dug by H/W sub-contractor in 1960. This site is part of and adjoins a similar development, by the undersigned owners, in Sec. 28, T8N, R9W.

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 #1 Site: Soil Conservation Service report, dated 7/24/53, estimated 50" flow. Montana Highway Commission Hydraulic Engineer, L.W. Hargrove, on 2/19/60 reported 240" maximum flow. Entire flow used year around for stock water, dairy, fish ponds, and 5 months for irrigation of adjoining fields of owners.

Sec. 27 T8N R9W

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

Powell Realty Company
By: Margaret B. Valiton
Signature of Owner
Date: December 31, 1963

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

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

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

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

29325

73027

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION WITHOUT WELL

POWELL REALTY COMPANY
DON F. VALITON, ET UX

RECEIVED
POWELL COUNTY, MONTANA

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

Daniel B. Hertz, Jr.
Clerk of the Court

By _____ Deputy

Fee \$2.00 Paid

File No.
DUPLICATE

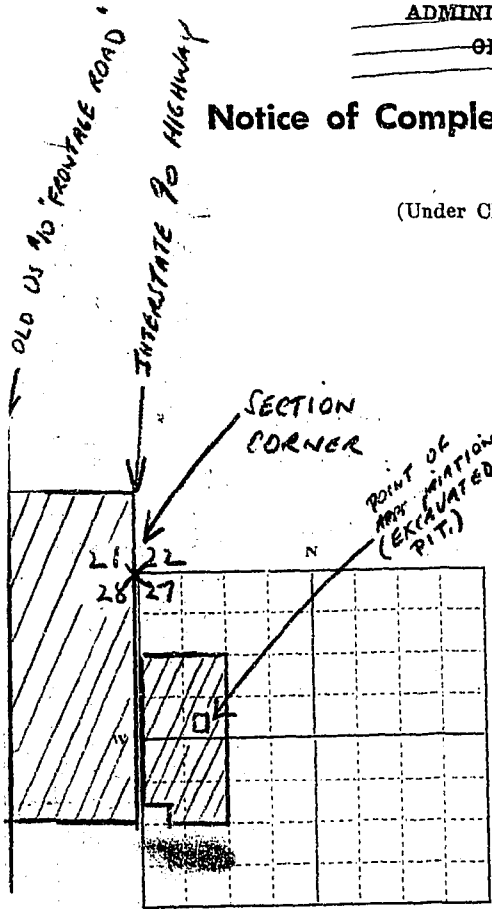
MONTANA WATER RESOURCES BOARD
RECEIVED

T. S. N. R. P. W.
County Powell
MONTANA
RECEIVED
MELT CONALLY MONTANA
County Clerk
Deputy

AUG 11 1969
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)



1/4 Sec. 27 T. R.
Indicate point of appropriation and place of use, if possible.

LEGEND: PLACE OF USE.

Date of Appropriation of Groundwater June 18, 1969
Don F. and Margaret RVD #1
Owner B. Valiton Address Dear Lodge, Mont. 59722

Contractor (if any) Schultz & Lindsay
Box 1651
Address of Contractor Billings, Montana

Date Started June 2, 1969 Date Completed June 18, 1969

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Large pit, approximately 100' x 40' excavated by bulldozer, about 12' deep, down below depth of groundwater level, is means of obtaining groundwater. This was dug at west end of gravel pit excavated by contractor.

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. Water pumped, and used @ 75,000 gallons per hour rate. This was not maximum, and appropriator intends to expand on this use capacity with larger pump for irrigation purposes.

Signature of Owner by: Don F. Valiton and Margaret B. Valiton

Date Aug. 7, 1969

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.

455 13

82104

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION WITHOUT WELL

DON F. VALITON et ux

RECEIVED
POWELL COUNTY, MONTANA

August 7th 19 69
at _____ minutes past 2:45 o'clock
P. M.

Elfa McDonough
Clerk and Recorder

By _____ Deputy

Fee \$ _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED

DEC 1 1971

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 Alvin Wolf

Address

Deer Lodge, Montana 59722

Date well started 11-1-71

completed 11-3-71

For Administrator's Use

File 857.23

Nov. 30, 1971

1:30 P.M.

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

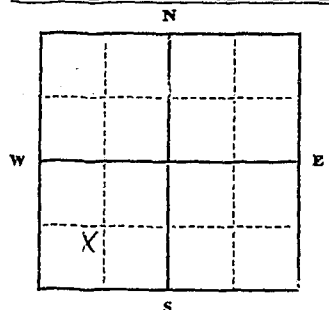
Industrial Drainage Other * Garden/Lawn

*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)
6"	6 5/8" od x .250	2'4"	65'	cutting torch	58'	63'



SW 1/4 SW 1/4 Sec. 27
T. 8 N R. 7 W

Static water level 25' ft.*
Pumping water level 45' ft.*
at 15 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.
Well developed by drilling and test pumping
for 3 hours.

Power..... Pump 2 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 O'Keefe Contracting Company

Driller's Address 2804 Harvard Ave.

Butte, Montana 59701

LICENSE NO. 8

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>0'</u>	<u>6'</u>	<u>top soil</u>
<u>6'</u>	<u>12'</u>	<u>cobblestones & gravel</u>
<u>12'</u>	<u>14'</u>	<u>sand, gravel, water</u>
<u>14'</u>	<u>28'</u>	<u>sand, gravel, clay</u>
<u>28'</u>	<u>60'</u>	<u>Clay</u>
<u>60'</u>	<u>63'</u>	<u>Sandy, some clay water</u>
<u>63'</u>	<u>65'</u>	<u>Sand water</u>

65' Show exact depth of bottom

85723

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF
WELL

ALVIN WOLF

RECEIVED
POWELL COUNTY, MONTANA

November 30th 1971

at _____ minutes past 1:30

P.M.

Ernie J. Miller
Clerk and Recorder

By _____ Asst. Deputy

Fee \$ 2.00+

File No.

T. & N. R. 9 W

DUPLICATE

County Powell

STATE WATER CONSERVATION BOARD
MAY 29 1967

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

BPM
BUI
CO
D
DICKER

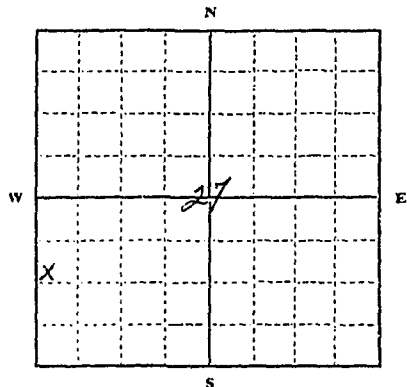
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

HEATON

1. Dr. Arthur C. Heaton, of Rt. 1 North Deer Lodge
(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. 8 N. R. 9 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 use and irrigation of grass

3. Date or approximate date of earliest beneficial use; and how continuous the use has been some time in 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 2.3 acres of grass
Dr. A.C. Heaton is the owner

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by a pump from wells - one in house & one in shed

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Some time in 1961

8. The depth of water table I don't know this

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 an eight inch casing but I don't know the depth

10. The estimated amount of groundwater withdrawn each year 300,000 gallons

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

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

Signature of Owner Dr. Arthur C. Heaton

Date April 24, 1967

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.

42,028 ~~41,528~~

78808

**RECEIVED
POWELL COUNTY, MONTANA**

May 24th 1967

at _____ minutes past 11:30 o'clock

A. M.

Elfa McDonough
Clerk and Recorder

By _____
Deputy

Fee \$ _____

File No.

T. 8 N R. 9 W

DUPLICATE

County Powell

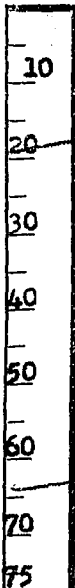
RECEIVED
DEC 30 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground (Elev. above sea level)

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



0 to 19
sand gravel & rocks

19 to 65
clay

65 to 75
sand clay (water)

Owner Robert Olsen Address Derr Lodge, Mont.

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

Date of Notice of Appropriation of Groundwater

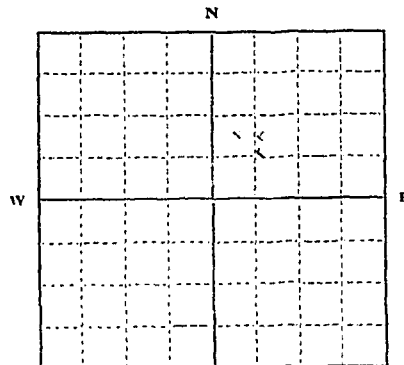
Date well started 11-10-62 Date Completed 11-14-62

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, 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" 19Lbs.	0	75	cutting torch	65	75



76.4 Sec. 27 T. 8 R. 9

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 23 feet at 35 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested pump Length of Test 16 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 A. 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.

72923

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

ROBERT OLSEN

RECORDED
DIVISION OF WATER

RECEIVED
POWELL COUNTY, MONTANA

December 26th, 19 63
at _____ minutes past 1:25 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid.

27

File No.

T. 8 N. R. 9 W.

DUPLICATE

County Powell

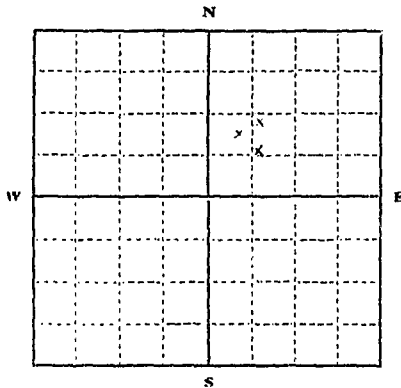
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 20 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Agnes Staffanson, of Deer Lodge (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. 27, T. 8 N. R. 9 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 Stockwater
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1880 on 2 Rocked & Dug wells; 1960 on cased well
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) Unknown
- 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 Electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Rocked wells - 1880
Cased well - 1960

8. The depth of water table 8

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
Rocked & Dug well - 3' diameter, 12' deep
Rocked & Dug well - 4' diameter, 15' deep
Casing well - 3' diameter, 8' deep

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

11. The log of formations encountered in the drilling of each well if available 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 Agnes Staffanson
Date December 11, 1963

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

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

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

10965

72862

DECLARATION OF VESTED GROUND-
WATER RIGHTS

AGNES STAFFANSON

RECEIVED
POWELL COUNTY, MONTANA

December 16th, 19 63
at _____ minutes past 3:45 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
FEB 17 1970

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 Gary Swant
Address Deer Lodge, Montana
Date well started Dec. 22, 1969
completed Dec. 23, 1969

For Administrator's Use
File 82885
February 1970
GW 1

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

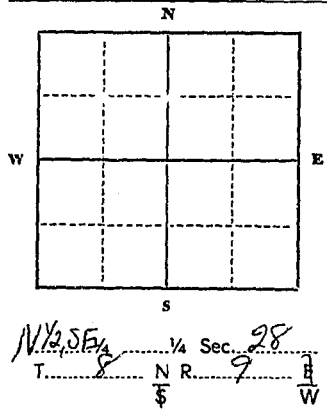
Equipment used Churn drill
(Churn drill, rotary or other)

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)
6"	6" I.D. 17 lb.	0	61'	cutting torch	55'	58'



Static water level 35' ft.*
Pumping water level 50' ft.*
at 20 gallons per minute,
measuredminutes after pumping began.
*Measured from ground level.
Well developed by hailer
for 4 hours test pump
Power..... Pump 1 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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	2	top soil
2	40	sandy clay
40	48	clay
48	60	sand & WATER

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

Driller's Signature Ernie O'Keefe

Driller's Address O'Keefe Drilling Co.

Butte, Montana LICENSE NO. 8

60' Show exact depth of bottom

46178

62885

**RECEIVED
POWELL COUNTY, MONTANA**

February 19 19 70
at _____ minutes past 1:15 o'clock
P. M.
Elfa McDonough
Clerk and Recorder
By _____ Deputy
Fee \$ _____

THIS RECEIPT IS VALID ONLY WHEN SIGNED BY THE CLERK AND RECORDER OF POWELL COUNTY, MONTANA.

GW 2

MONTANA WATER RESOURCES BOARD
RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—50551

File No.

MAY 18 1970

T. 8 N. R. 9 West.

DUPLICATE

County: Deer Lodge

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

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

0 to 45 small gravel & clay (Under Chapter 237 Montana Session Laws, 1961, as amended)

45 to 52 sand and gravel making a little water
Owner: James R. Miller, Sara L. Miller
Address: Deer Lodge, Mont.

52 to 65 brown hard pan clay with water stratas
Driller: Walter Riddock
Address: Helena, Montana

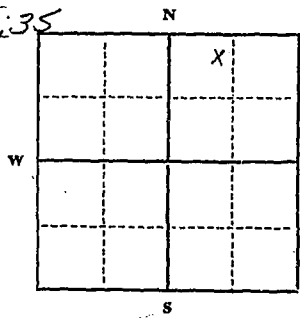
65 to 70 sand
Date of Notice of appropriation of groundwater: Oct. 1, 1969
Date well started: Oct. 1, 1969
Date completed: Oct. 7, 1969

70 to 78 broken clay & water
Type of well: Churn Drill
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)
8"	15#	0	72	1/2" X 3	45	65

Doc. No. 83174
Filed for record this 18 day of May
A. D. 1970, at 12:35
o'clock P. M.



Static Water Level for non-flowing well 22 feet.
Shut-in Pressure for Flowing Well.....
Pumping Water Level..... 60 feet
at 40 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested: bailer
Length of Test: 4 hr.
Remarks: (Gravel packing, cementing, packers, type of shutoff).....

NW 1/4 NE Sec. 28, T. 8 N. R. 9 W
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. 72'

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.

Mont. No. 49
Driller's License Number

Walter Riddock
Driller's Signature

46470

83174

RECEIVED
POWELL COUNTY, MONTANA
May 14th 19 70
at _____ minutes past 2:35 o'clock
P. M.
Elfa McDonough
Clerk and Recorder
By _____ Deputy
Fee \$ _____

28

File No.

T. & N. R. 9W

DUPLICATE

County. Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964
STATE ENGINEER

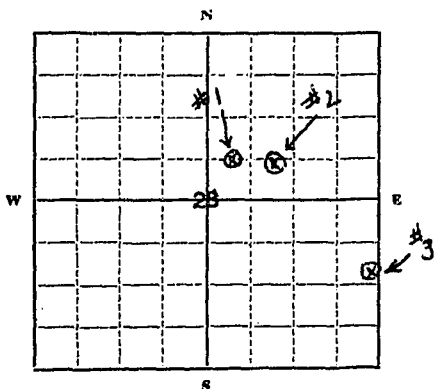
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Powell Realty Co.,

1. Don F. Valiton and Margaret B. Valiton, of Deer Lodge
(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:



Sec. 28, T. 8N., R. 9W.

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

- 2. The beneficial use on which the claim is based for stock water, irrigation, domestic, commercial dairy & creamery, and fish ponds uses.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Well #1: 1895, continuous use; Well #2: April, 1937, continuous use; and Well #3: April, 1937, intermittent use.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well #1: 25 gallons per minute; Well #2: 10 gallons per minute; and Well #3: 15 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. 40 acres in SW 1/4 and SE 1/4, Sec. 28 T8N., R9W., all owned by the subscribers to this instrument.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. By centrifugal pumps. Wells (3) located on diagram above left.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well #1: 1895; Well #2: April, 1937; and Well #3: April, 1937.
- 8. The depth of water table. Well #1: 21'; Well #2: 17'; and Well #3: 7'.
- 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 #1: dug; 24.8' deep; rock casing; 4509.5' altitude above sea level. Well #2: drilled; 6" pipe casing; 4506.1' altitude above sea level. Well #3: drilled; 12" pipe casing; 4544.1' altitude above sea level.
- 10. The estimated amount of groundwater withdrawn each year. 2,750,000 gallons.
- 11. The log of formations encountered in the drilling of each well if available. Only data available is that "Geo. Babcock" drilled wells #2 and #3 in April, 1937.
- 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. For further data on these three wells, see: Bulletin No. 21, February, 1961, published by Montana Bureau of Mines & Geology, Butte, Montana, entitled, "Preliminary Report on the Geology and Ground Water Resources of the Northern Part of the Deer Lodge Valley, Montana, especially pages 18 and 19.

By: Powell Realty Company
Signature of Owner: Margaret B. Valiton
Date: December 21, 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.

29327

73029

DECLARATION OF VESTED GROUND-
WATER RIGHTS

POWELL REALTY COMPANY
DON F. VALITON, ET UX

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 3:52 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____
Deputy

Fee \$ 2.00 Paid

MONTANA WATER RESOURCES BOARD
RECEIVED

County Fewell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOV 18 1970

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 Don Valiton
Address RD #1 - North
Deer Lodge, Montana 59721
Date well started 10/13/70
completed same

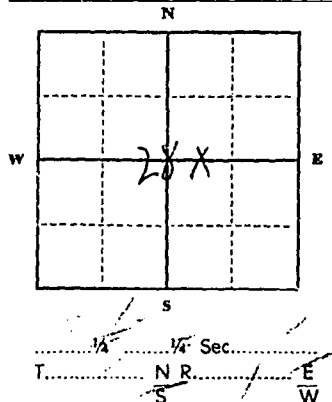
For Administrator's Use
File 83942
November 15 1970
H.S.A.M.
GW 1

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). 50 acres

ESTIMATED ANNUAL WITHDRAWAL _____

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" od x .250"	3'a.	27'	cutting torch	93'	97'



Static water level 35' ft.*
Pumping water level 50' ft.*
at _____ gallons per minute,
measured _____ minutes after pumping began.
*Measured from ground level.
Well developed by balling
for _____ 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 O'Keefe Drilling Company
Driller's Address 2804 Harvard Ave.
Deer Lodge, Montana 59701
LICENSE NO. _____

Top of Ground (Elev. above sea level) _____

From (Feet)	To (Feet)	
0'	6'	fill
6'	32'	gravel (some boulders)
32'	51'	sand, gravel-water
51'	55'	clay
55'	97'	sand and water
97'		clay

17' Show exact depth of bottom

47764

83942

11:50 AM

RECEIVED
POWELL COUNTY, MONTANA

November 17th 19 70

minutes past 11:50 o'clock

A.M.

Elfa McDonough

Clerk and Recorder

By _____ Deputy

Fee \$ _____

28

File No.....

T. 8 N. R. 9 W

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 10 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

#1 Site - 1864

#2 Site - 1935

#3 Site - 1937

Date of Appropriation of Groundwater.....

Powell Realty Co., Don F. Valiton &

Owner/ Margaret B. Valiton Address: Deer Lodge, Mont.

Contractor (if any) None

Address of Contractor.....

#1 Site - 1864 1960

Date Started #2 Site - 1935 Date Completed 1935

#3 Site - 1937 1960

Describe means of obtaining groundwater without a well "as by

sub-irrigation and other natural processes". Include depth to

water when applicable to intercept & gather water, including

construction of ponds to gather water. Depth to water 2' to

4'. A large crevasse — one among many — is about 2' to 3'

across and 16' deep, with vertical walls & water is largely

concentrated in it. Some new ditching done by Interstate 90

H/W contractor in 1960, and pond re-dug by H/W sub-contractor

in 1960. #2 Site: underground spring was ditched to inter-

cept water. #3 Site: this site was dug as open hole in

1937. Depth to water is about 5'. This was re-dug by Inter-

state 90 contractor (H/W) in 1961, by bulldozer, when

highway 90 was built.

Quantity of water developed and used with explanation of method

used to measure or estimate such amount. If use is intermittent

#1 site: Soil Conser-

estimate approximate lengths of periods of use. Service re-

port, 7/24/53 estimated 50" flow. Montana Highway Commis-

sion Hydraulic Engineer L.W. Hargrove, on 2/19/60 re-

ported 240" maximum flow. Entire flow used year around

for stock water, dairy, fish ponds, and 5 months for irri-

gation of adjoining fields of owner. #2 Site: estimate 10"

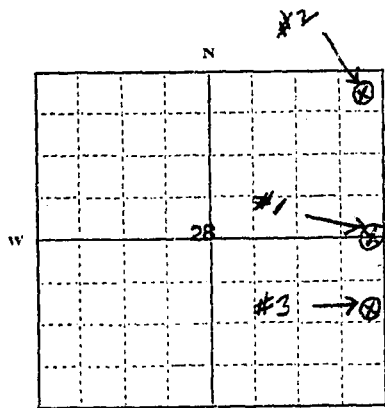
flow for stock water & sub-irrigation of lands. #3 Site:

estimate 5" flow, which has been pumped for irrigation of

owners' land; and six month use for stock water, yearly.

By: Powell Realty Company
Signature of Owner: Margaret B. Valiton

Date: December 31, 1963



Sec. 28 T8N R. 9W

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

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

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

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

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

29326

73028

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION WITHOUT WELL

POWELL REALTY COMPANY
DON F. VALITON, ET UX

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 1963
at _____ minutes past 3:51 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 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 Gordon Rabe
Address 226 Missouri
Dear Lodge, Montana
Date well started 8-29-72
completed 8-29-72

For Administrator's Use	
File	<u>87667</u>
Date	<u>Jan. 23, 1973</u>
GW	<u>1:50 P.M.</u>

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

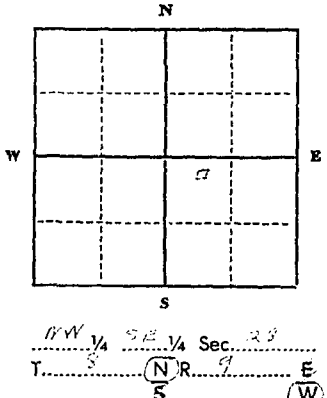
Equipment used Churn Drill
(Churn drill, rotary or other)

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" ca # .250	+1'	58'	cutting torch	53'	58'



Static water level 24' ft.*
Pumping water level ft.*
at 20 gallons per minute,
measured minutes after pumping
began.
*Measured from ground level.
Well developed by bailing
for 1 1/2 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
Drove into clay @ 60'
and pulled back.
R.J.L.

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

Driller's Signature O'Keefe Contracting Company
W.F. Keefe, Jr.
Driller's Address 2004 Harvard Ave.
Butte, Montana 59701 LICENSE NO. 2

County Rowell

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'	2'	top soil
2'	18'	boulders, dirt & gravel
18'	28'	sand-gravel some clay
28'	32'	sands gravel-water
32'	46'	gray clay
46'	58'	sand & gravel-water

58' Show exact depth of bottom

52,279

87667

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

GORDON RASE et ux

RECEIVED
POWELL COUNTY, MONTANA

January 23rd 19 73

at _____ minutes past 1:50 o'clock

P. M.

Ronnie J. Miller
Clerk and Recorder

By _____
Asst. Deputy

Fee \$ 2.00

GW 2

File No.

T 8 N R 9 W.

DUPLICATE

County Phillips

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 23 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

5	Top of Ground
10	(Elev. above sea level.....)
15	0-2 Topsoil
20	2-18 Clay & Rocks
25	18-65 Silt & Fine Sand
30	65-68 Sand (water)
35	
40	
45	
50	
55	
60	
65	
70	

Owner Albert Dungan Address 201 Fourth St.

Driller O'Keefe Drilling Co. Address Deer Lodge, Montana

Date of Notice of Appropriation of Groundwater

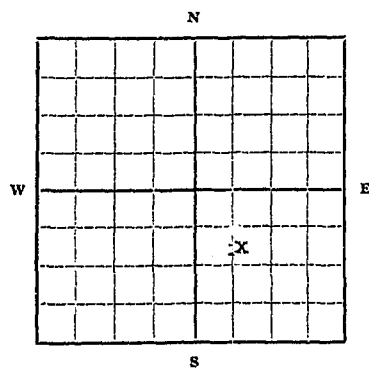
Date well started March 26, 1963 Date Completed March 29, 1963

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"	6" 17#	0	68			



SE 1/4..... Sec.28.. T8.N R.9.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 30' feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 40' feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 1 1/2 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)

License No. 8

Driller's License Number

Emmett 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 School of Mines and Quadruplicate for the Appropriator.

4255

71762

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

ALBERT BURGAN

RECEIVED
POWELL COUNTY, MONTANA

April 17th, 19 63
at _____ minutes past 4:30 o'clock
P. M.

Daniel B. Hartz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$2.00 Paid

APR 17 1963
POWELL COUNTY MONTANA

RECEIVED

JUL 30 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 8 N. R. 9 W.

County.....

WATER WELL LOG

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

Driller..... Address.....

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

(Lots 4, 5 & 6; Block 15, Northwest Townsite Company's First Addition to City of Deer Lodge, Montana)
Location: Sec. 32 T. 8 N. R. 9 W. 1/4 sec.

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other:.....

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

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:..... feet.

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

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

How tested:.....

Length of test.....

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

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

(over)

File No.

T. R.

DUPLICATE

County Powell

MONTANA WATER RESOURCES BOARD
LOG RECEIVED
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

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

JUL 16 1968

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

19 ft. Open Hole

Owner James B. Kratzer Address 200 Kentucky Ave. Beer Lodge, Mont.

Driller C.F. Wroble Address Rte. 1, Millcreek Anaconda, Montana

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

Date well started July 8, 1967 Date completed July 10, 1967

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

72 ft. Intermittent

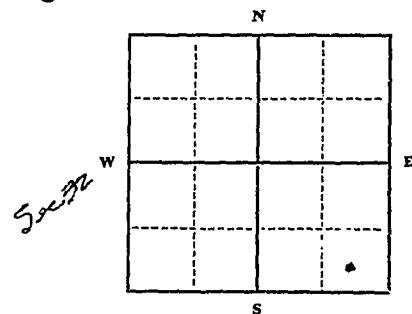
Sand, Pea gravel, Clay

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.

74 ft. Sand

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	15 lbs. per ft.			3/16x5	74	79

79 ft. Sand, Pea gravel
Water bearing



Static Water Level for non-flowing well 17 feet.

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

Pumping Water Level..... 64 feet
at..... 16 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).....

1/4 Sec. 31 T. N R. 9 W.
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.

44,321

8061A

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

JAMES B. KRATZER

RECEIVED
MAY 12 1968
CLERK AND RECORDER

RECEIVED
POWELL COUNTY, MONTANA

July 12 1968

at _____ minutes past 1:30 o'clock

P. M.

Elfa McDonough
Clerk and Recorder

By _____ Deputy

Fee \$ _____

File No.....

T. 21 N. R. 9 W. Sec 32

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 6 1964

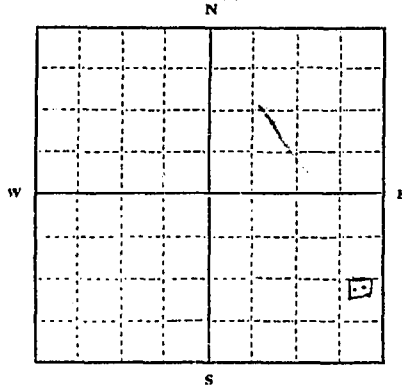
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. James B. Kratzer, of 200 Kentucky, Deer Lodge
(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:



1/2 Sec 32 T. 21 N. R. 9 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. Irrigation and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1890 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 15 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. Four acres Pasture lands Jim Kratzer James B. Kratzer AND GARDEN

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1890 TWO WELLS

8. The depth of water table. 30 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. dug wells about 30 feet DEEP

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

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

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

Signature of Owner James B. Kratzer
Date December 30, 1963

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

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

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

24845

72995

DECLARATION OF VESTED GROUND-
WATER RIGHTS

JAMES B. KRATZER

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 1:06 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

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.

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.

Top of Ground (Elev. above sea level)

Owner Jim Kratzer

For Administrator's Use

Address 409 W. Missouri

File 88318

Deer Lodge, Montana 59722

May 25, 1973

Date well started 5-2-72

GW 1 10:30 a.m.

completed 5-3-72

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

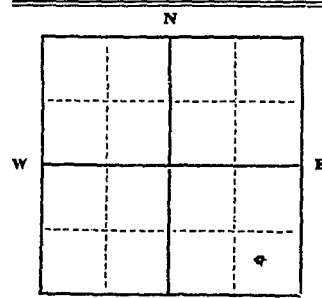
Industrial Drainage Other * Garden/Lawn

*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)
6E	6 5/8" OD x .250	0	97'	cutting torch	93'	97'



Static water level 37' ft.*
Pumping water level 60' ft.*
at 20 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.
Well developed by balling
for hours.

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

 1/4 1/4 Sec 33
T. S. 11 N. R. 9. 26 E
 S W

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

Driller's Signature O. Keefe Contracting Company

Driller's Address 2604 Harvard Ave.

Butte, Montana 59701

LICENSE NO.

27' Show exact depth of bottom

53,264

88318

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

JAMES B. KRATZER
(Jim)

RECEIVED
POWELL COUNTY, MONTANA

May 25th 19 73

at _____ minutes past 10:30 o'clock

A.M.

Bonnie J. Miller

Clerk and Recorder

By _____

Asst. Deputy

Fee \$ 2.00

C

File No.

T. 8N R. 9W

DUPLICATE

County Deer Lodge
RECEIVED
JAN 10 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

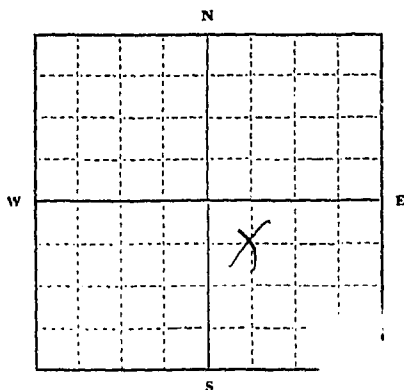
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Powell Realty Company, of 514 5th St. Deer Lodge
(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 SE Sec 33 T. 8N R. 9

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.....
September 1, 1940

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
By Pump - In the east ten feet of Lot 9, Block 25 Original Townsite of the City of Deer Lodge

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
September 1, 1940

8. The depth of water table.....
Five 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 - 3" - 40' depth

10. The estimated amount of groundwater withdrawn each year.....
900,000 gallons

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

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

POWELL REALTY COMPANY
By: Kathryn R. Hynd
Signature of Owner.....
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.

29339

73039

DECLARATION OF VESTED GROUND-
WATER RIGHTS

POWELL REALTY COMPANY

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 4:32 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____
Deputy

Fee \$ 2.00 Paid

File No.

T. 87 N. R. 9W 33

DUPLICATE

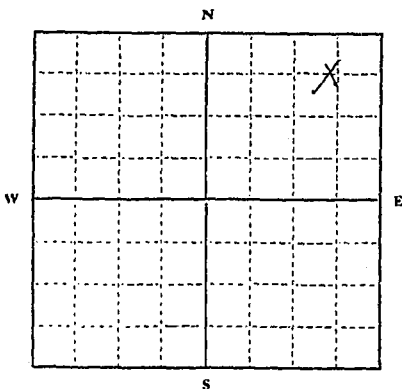
County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

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

1. Henry J. Ruppel, of 703 California Ave, Deer Lodge
(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 SE Sec. 33 T87 R9W

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 yard use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Approximately 1910 use as surface water

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 50 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. 8 city lots - 30 x 125 each owner - Henry J. Ruppel

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. Unknown

8. The depth of water table. about 7 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. well is a rock-drill type with concrete top well is about 20 feet deep and 4 feet in diameter. 1/2 inch diameter pipe

10. The estimated amount of groundwater withdrawn each year. up to 96,000 gallons

11. The log of formations encountered in the drilling of each well if available. sand and gravel formation

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. information on location from various offices

Signature of Owner Henry J. Ruppel
Date Dec 31, 1963

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

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

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

29330

73031

DECLARATION OF VESTED GROUND-
WATER RIGHTS

HENRY G. RUPPEL

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 1963
at _____ minutes past 4:05 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

33

File No.

T. & N. R. 9. W.

DUPLICATE

County Powell

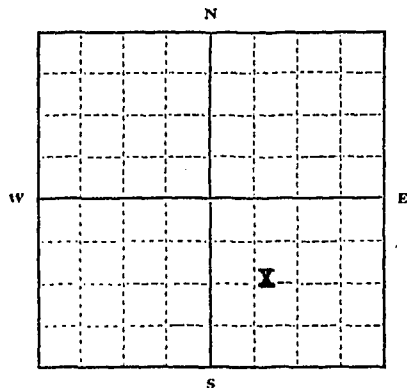
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 8 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Ralph J. Beck, of 601 Missouri Avenue Deer Lodge
(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:



S. E/4 Sec. 33 T. 8N. 9W

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 & Home Use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....October 1960 and continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....50 gals. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
Lawn Approx 1/4 Acre
Ralph J. Beck
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
2 HP PUMP
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
October 10, 1960 October 14, 1960
8. The depth of water table.....15 to 27 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
20 Ft. 2" suction line
10. The estimated amount of groundwater withdrawn each year.....Approx. 35,000 gallons
11. The log of formations encountered in the drilling of each well if available.....Med. course 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.....

Signature of Owner Ralph J. Beck
Date December 4, 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.

1959

72776

DECLARATION OF VESTED GROUND-
WATER RIGHTS

RALPH J. BECK

RECEIVED
POWELL COUNTY, MONTANA

December 4th, 19 63
at _____ minutes past 11:40 o'clock
A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$2.00 Paid

File No.

T. 8 N. R. 9 west,

QUADREPLICATE

County of Powell

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)
Frank McCormick, Evelyn Jones

Owner: s & Mary Maduzia Address: Deer Lodge, Mt.

Driller: Unknown Address:

Date of Notice of appropriation of groundwater: 1921

Date well started: 1921 Date completed: 1921

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

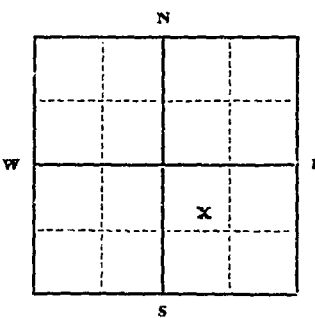
Top of Ground
(Elev. above sea level.....)
Dec. No. 85358
Filed for record
This 14 day of September
A. D. 19 71, at 2:20
o'clock P.M.

Loam strata
---4 feet water level

---16 feet bottom

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
2'x3'	Same Cement	16	4	NA	NA	NA



Static Water Level for non-flowing well NA feet.

Shut-in Pressure for Flowing Well NA

Pumping Water Level 22 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well NA

How Tested: Unknown

Length of Test: Unknown

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

Water is pumped by an electric motor and is located in the basement

NW 1/4 Sec. 33 T. 8 R. 9. Indicate location of well and place of use, if possible. Each small square represents 40 acres.

of the home located at 607 California Avenue, Deer Lodge, Montana. (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).

Domestic use.

NA
Driller's License Number

Frank McCormick
Signature
Owner's

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 this form will be returned.

85358

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

FRANK MAC CORMICK et al

RECEIVED
POWELL COUNTY, MONTANA

September 14th 19 71

at _____ minutes past 2:20 o'clock

P. M.

Beane J. Miller
Clerk and Recorder

By *E.P.*
Asst. Deputy

Fee \$ 2.00-

GW 2

File No.

DUPLICATE

RECEIVED

FEB 18 1971

T. R.

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner James J. Masar Address 817 Missouri
Deer Lodge, Montana

Driller Unknown Address Unknown

Date of Notice of Appropriation of Groundwater 1970

Date well started 1934 Date Completed 1934

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

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

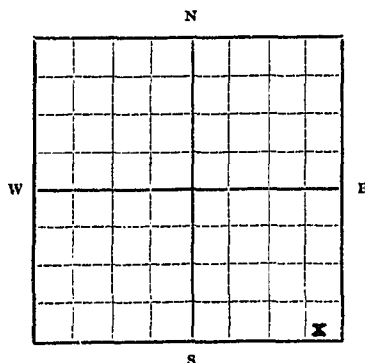


Top of Ground
(Elev. above sea level 4500)

Doc. No. 84307
Filed for record
this 17 day of February
A. D. 19 71 at 1:30
o'clock 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 Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
24 inches	unknown	8 feet	24 feet	unknown	-----	-----



SE 1/4 SE. Sec. 33. T8N. R. 9W.
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 18 feet below feet. surface

Shut-in Pressure for Flowing Well unknown

Pumping Water Level ----- feet at 45 gal. per minute.

Discharge in gal. per min. of flowing well unknown

How Tested unknown Length of Test unknown

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) -----

Glacial gravel - clay

Unknown
Driller's License Number

Unknown
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.

48146

84307

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

JAMES J. MASAR

RECEIVED
FEBRUARY 17 1971
COURT CLERK
POWELL COUNTY, MONTANA

RECEIVED
POWELL COUNTY, MONTANA

February 17th 19 71
at _____ minutes past 1:30 o'clock
P.M.

Bonnie J. Miller
Clerk and Recorder

By E.P.
Asst. Deputy

Fee \$ 2.00-

Gv.

333

File No.

T. 8. N. R. 9. W.

DUPLICATE

County Powell

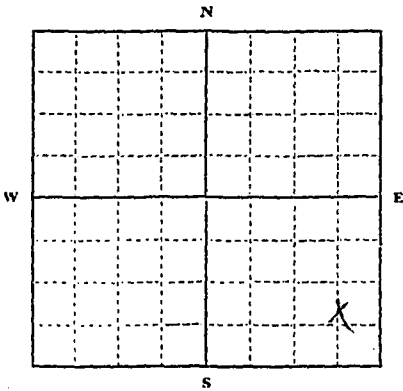
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 23 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ROBERT JOHNSON, of 219 Oliv Deer Lodge
(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:



SE 1/4, SE 1/4 Sec. 33, T. 8. N. R. 9. 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
regulator of lawn & garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1930 continuous
during last summer month
may this out.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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.
11 lots on Johnson Street
Robert Johnson own
- 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. 1930

8. The depth of water table. 10'

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. 3.5" 8' casing

10. The estimated amount of groundwater withdrawn each year. 400,000 gal.

11. The log of formations encountered in the drilling of each well if available. no

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

Signature of Owner Robert Johnson
Date January 21st, 1964

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 33767

73243

DECLARATION OF VESTED GROUND-
WATER RIGHTS

ROBERT JOHNSON

RECEIVED
POWELL COUNTY, MONTANA

January 21st, 19 64
at _____ minutes past 4:10 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____
Deputy

Fee \$ 2.00 Paid

File No.

T8N R. 9W

DUPLICATE

County POWELL

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Doc. No. 84130

Filed for record

this 4 day of January

A. D. 19 71

o'clock 10 M.

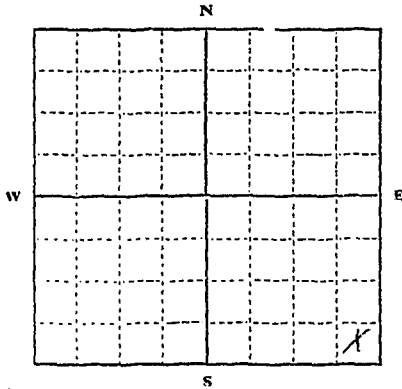
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, James J. Masar, of 817 Missouri Ave., Deer Lodge
(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:



SE 1/4 SE Sec. 33, T8N, R. 9W

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 use and domestic irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1934 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 45 gallons per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1934 commenced and completed

8. The depth of water table. 24 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. 24 feet - dug - shallow

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

11. The log of formations encountered in the drilling of each well if available. glacial gravel - clay

12. Such other information of a similar nature as may be useful in carrying out the policy of this act including reference to book and page of any county record. not available

Signature of Owner James J. Masar

Date. Dec 23, 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.

47969

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.

84130

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

JAMES W. MASA

RECORDED
DEWELL COUNTY, MONTANA

January 4th 1971

minutes past 4:00 o'clock

P. M.

Bonnie J. Miller

Clerk and Recorder

By _____ Deputy

Fee \$ 2.00

File No.

T. 8 R 9

DUPLICATE

County POWELL

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

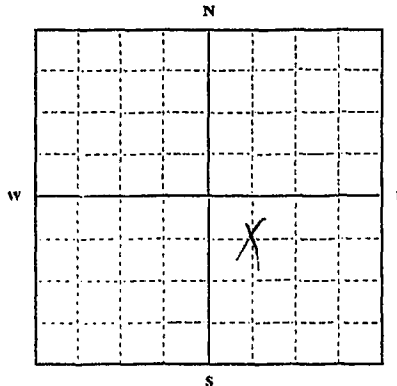
Declaration of Vested Groundwater Rights

JAN 10 1964

(Under Chapter 237, Montana Session Laws, 1961)

1. **Henry J. and Kathryn D. Hukill**, of **514 5th St.** **Deer Lodge**
(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 SE Sec 33 T8N R9W

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 Lawn irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 1, 1940
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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 one-fifth of an acre Lot 13 and 14, Block 26 of the original townsite of the City of Deer Lodge
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 1, 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 Drilled well 2" 30' deep

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

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

Signature of Owner Kathryn D. Hukill
Henry J. Hukill
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.

29340

73040

DECLARATION OF VESTED GROUND-
WATER RIGHTS

HENRY J. HUKILL, ET UX

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 4:33 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.

T. 8 N. R. 9 W.

DUPLICATE

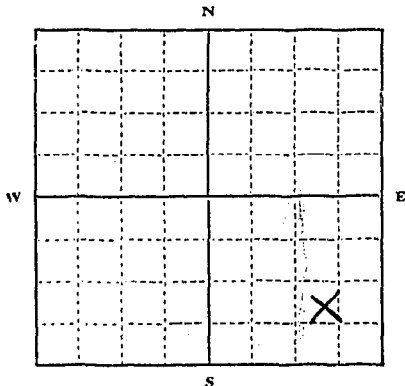
County... *Fawell*

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 W. Jacobson*, of *203 Clark at Deer Lodge*
(Name of Appropriator) (Address) (Town)
County of *Fawell* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. 8. 1/4 Sec. 33 T. 8 N. R. 9 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 & yard.*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *August 30 1927*
as needed
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). *about 150 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. *Used as city lots*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. *Electric pumps in basement of house*
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *August 30, 1927 and dug deeper Oct. 16, 1931*
- 8. The depth of water table. *7 feet 6 inches*
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. *1 1/2 inch tile 10' 10" from top of pipe to bottom of pipe*
- 10. The estimated amount of groundwater withdrawn each year.
- 11. The log of formations encountered in the drilling of each well if available. *Sand all the way.*
- 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 W. Jacobson*
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.

73032

DECLARATION OF VESTED GROUND-
WATER RIGHTS

GEORGE W. JACOBSON

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