

72927

DECLARATION OF VESTED GROUND-  
WATER RIGHTS

MELITA BEST

**RECEIVED**  
**POWELL COUNTY, MONTANA**

December 27th, 1963  
at \_\_\_\_\_ minutes past 9:00 o'clock  
A. M.

Daniel B. Hertz, Jr.  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fee \$ 2.00 Paid

File No. ....

Sec 14 T 6 N R 10

DUPLICATE

County Powell

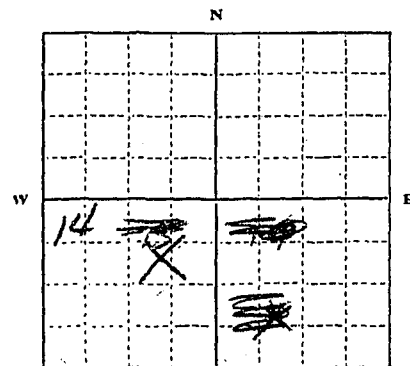
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Andrew J. Nicholas, of P.F.W. 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 14 T 6 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 House live stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been used since 1948 continuously.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 71 feet in depth
- 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 Deep well pump - electric

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948

8. The depth of water table 71 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. Deep well electrical pump six inch casing Depth 80 feet

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 The estimated amount of groundwater withdrawn each year 20,000 gallons

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

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

Signature of Owner Andrew J. Nicholas  
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.

73023

DECLARATION OF VESTED GROUND-  
WATER RIGHTS

ANDREW J. NICHOLAS

**RECEIVED**  
**POWELL COUNTY, MONTANA**

December 31st, 19 63  
at \_\_\_\_\_ minutes past 3:10 o'clock  
P.M.

Daniel B. Hertz, Jr.  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fee \$ 2.00 Paid



RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T. \_\_\_\_\_ R. \_\_\_\_\_

County Powell

WATER WELL LOG


Owner Leonard Elison Address \_\_\_\_\_

Driller C.F. Wroble Address PO Box 170

Anaconda Montana

Date Started April 7 1950 Date Completed April 7 1950

Location: Sec. 4 T. 6 R. 9 ¼ sec. SE ¼ of SW ¼

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

Water use: Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other: \_\_\_\_\_

Casing: Surface ft. to 22' ft. Type 24 lb. Size 6"

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: \_\_\_\_\_ 5' feet.

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

Pumping water level \_\_\_\_\_ 12' feet at \_\_\_\_\_ 50 gal. per min.

How tested: Pumped

Length of test \_\_\_\_\_ One hour

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



(over)



File No. \_\_\_\_\_

T. 6 R 9 W

DUPLICATE

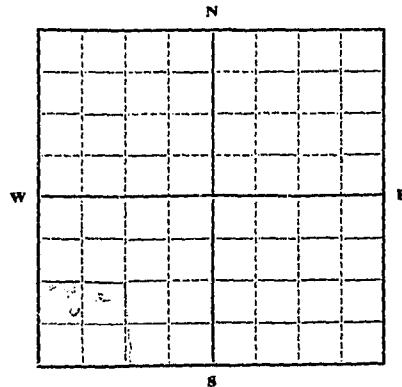
County Fourell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 26 1963

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

1. Donna Johnson, of 706 Mission Bee Lodge  
(Name of Appropriator) (Address) (Town)  
County of Fourell State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 4 T. 6 R W. 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. (1) Home  
(2) (3) Stock (4) Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. (1) 1886 (2) 1886  
(3) 1925 (4) 1887

4. The amount of groundwater claimed (in miner's inches or gallons per minute). (1) 4 gpm (2) 4 gpm  
(3) 4 gpm (4) 4 gpm

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
(1) Hand-dug well (2) Hand-dug well  
(3) Hand-dug well (4) Hand-dug well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Same as 3.

8. The depth of water table. 8 to 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.  
(1) 36 in. dia. - 27 ft deep  
(2) 36 in. dia. - 27 ft deep  
(3) 36 in. dia. - 18 ft deep  
(4) 36 in. dia. - 112 ft deep

10. The estimated amount of groundwater withdrawn each year. (1) 15 acre ft (2) 9 acre ft  
(3) 20 acre ft (4) 10 acre ft

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

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 Donna Johnson

Date 12/10/1963

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.

72894

DECLARATION OF VESTED GROUND-  
WATER RIGHTS

VONNIE JOHNSON

RECEIVED  
POWELL COUNTY, MONTANA

December 20th, 1963  
at \_\_\_\_\_ minutes past 4:30 o'clock  
P. M.

Daniel B. Hertz, Jr.  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fee \$2.00 Paid



File No. ....

T. 6 R. 9 W.

DUPLICATE

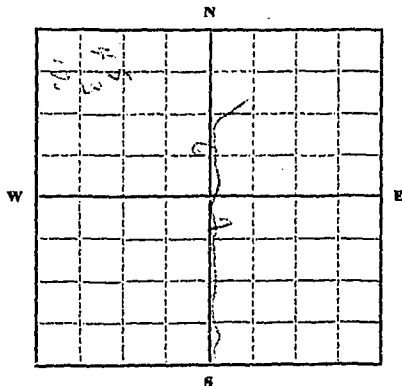
County Paradee

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 26 1963

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

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



7. W. 1/4 Sec. 4 T. 6 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 (1) Home use  
(3) grade + lawn (4) (5) (6) stock + irrigation  
(7) stock + irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been (1) 1930 (2) 1962 (3) 1887  
(4) 1931 (5) 1887 (6) 1948 (7) 1952  
daily use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) (1) (2) 8 gal (3) 8 gal (4) 200 gpm  
(5) 8 gal (6) 8 gal (7) 200 gpm

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
(3) 4 acres of lawn  
(7) East 1/2 of Sec 4

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal (1) (2) Basement of home (3) gas pump (4) chicken coop (5) 200 gpm pump (6) gas pump (7) drain ditch

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Same as in question 3

8. The depth of water table. 27 to 30 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. (1) dug well 4x4-30 ft deep  
(2) 8 in casing drilled - 30 ft (3) 8 in casing drilled 3x3-30 ft  
(4) dug well 28 ft - 3x3 (5) dug well 30 ft - 4x4  
(6) 8 in casing drilled 27 ft (7) drain ditch 8 ft - 1/2 ft - 3/4 mile long

10. The estimated amount of groundwater withdrawn each year. (2) 36,500 gal (3) 18,000 gal  
(4) none (5) 90,000 gal (6) 90,000 gal (7) 36,500 inches

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

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 Raymond J. Johnson  
Date 12-16-63

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.

12495

72893

DECLARATION OF VESTED GROUND-  
WATER RIGHTS

RAYMOND J. JOHNSON

RECEIVED  
POWELL COUNTY, MONTANA

December 20th, 1963  
at \_\_\_\_\_ minutes past 4:25 o'clock  
P. M.

Daniel B. Hertz, Jr.  
Clerk and Recorder  
By \_\_\_\_\_ Deputy

Fee \$2.00 Paid

RECEIVED

County Dewell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

AUG 28 1972

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

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.

Owner Ida M. Lienau

Address Route #1

Deer Lodge, Montana

Date well started August 4, 1972

completed same

Type of well Drilled

Equipment used Churn Drill

Water Use: Domestic  Municipal  Stock  Irrigation

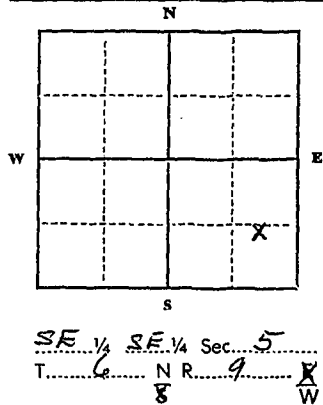
Industrial  Drainage  Other \* Garden/Lawn

\*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'	58'	cutting torch	53'	58'



Static water level 7.1 ft.\*  
Pumping water level 40 ft.\*  
at 20 gallons per minute,  
measured        minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by bailing and test pumping  
for 2 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. 9

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0'	2'	top soil
2'	6'	clay and gravel
6'	36'	gravel surface water
36'	40'	sandy clay some water
40'	45'	quick sand heaving
45'	53'	clay
53'	58'	sand gravel water

58' Show exact depth of bottom

51,249

86895

COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS  
OF WELL

IDA M. LIENAU

RECEIVED  
POWELL COUNTY, MONTANA

August 25th 19 72

at \_\_\_\_\_ minutes past 3:40 o'clock

P. M.

*Bonnie J. Miller*

Clerk and Recorder

By \_\_\_\_\_

Asst. Deputy

Fee \$ 2.00



87297

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

MRS. IDA M. LIENAU

**RECEIVED**  
**POWELL COUNTY, MONTANA**

November 2nd 19 72

at \_\_\_\_\_ minutes past 4.00 o'clock

P. M.

*Bonnie J. Miller*  
Clerk and Recorder

By *ED*  
Asst. Deputy

Fee \$ 2.00

5

File No. ....

T. 6 N. R. 9 W

DUPLICATE

County. Powell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

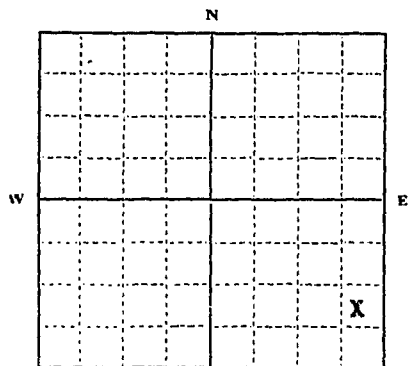
RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ida M. Lienau, of RFD #1 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:



Tract M&B in NE4<sup>s</sup>  
SE4SE4 1/4 Sec. 5 T. 6N 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. Domestic and irrigating lawn, garden and orchard.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Since 1936.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 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. Area is 209' x 209'
- 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. September 1936.
- 8. The depth of water table. 6 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. Two (2) foot cement pipe sunk to a depth of ten (10) feet.
- 10. The estimated amount of groundwater withdrawn each year. 20,000 gallons.
- 11. The log of formations encountered in the drilling of each well if available. Not available.
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Ida M. Lienau

Date December 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.

15585

72938

DECLARATION OF VESTED GROUND-  
WATER RIGHTS

IDA M. LIENAU

RECEIVED  
POWELL COUNTY, MONTANA

December 27th, 1963

at \_\_\_\_\_ minutes past 3:40 o'clock

P. M.

Daniel B. Hertz, Jr.

Clerk and Recorder

By \_\_\_\_\_

Deputy

Fee \$ 2.00 Paid



9/30/74  
Audrey Rapdale gave corrected land description

State Publishing Co., Helena, Montana—42262

NE $\frac{1}{4}$  SE $\frac{1}{4}$  and the SE $\frac{1}{4}$  NE $\frac{1}{4}$  of Sec. 5, T. 6 N., R. 9 W.,  
M.P.M.

T. 5 N. R. 9 W.

Document No. 82096. Affidavit of Correction will be  
coming in.

County... POWELL

AUG 8 1969  
OFFICE OF STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

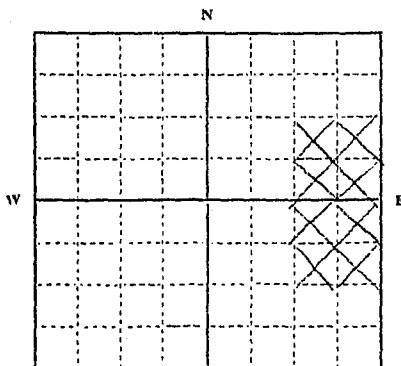
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... 1933  
RAYMOND J. JOHNSON  
Owner... LILLIAN M. JOHNSON Address... Rte. #1, Deer Lodge,  
AUDREY RAGSDALE Montana 59722  
Contractor (if any) ... none.

Address of Contractor ... n.a.

Date Started... 1933 Date Completed... 1933

Describe means of obtaining groundwater without a well "as by  
sub-irrigation and other natural processes". Include depth to  
water when applicable. In excavating for gravel,  
springs were brought to surface and developed.



NE4SE4 and<sup>s</sup>  
SE... $\frac{1}{4}$  NE Sec... 5 T... 5NR... 9W  
Indicate point of appropriation  
and place of use, if possible.

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

estimate approximate lengths of periods of use @ 200 miners!  
inches developed, and used to irrigate hay or  
potatoes from May 1 to September 15 each year.  
Water used for stock watering purposes 12  
months of each year. Water flows from gravel  
pit and when irrigating is pumped. Quantity  
is estimated by capacity of pump and size of  
pipe.

Signature of Owner *Raymond J. Johnson*  
Date... August 4, 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.

45504

82096

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION WITHOUT WELL

RAYMOND J. JOHNSON

RECEIVED  
POWELL COUNTY, MONTANA

August 5th 19 69

at \_\_\_\_\_ minutes past 1:20 o'clock

P. M.

Elfa McDonough  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fee \$ \_\_\_\_\_

File No. ....

T. 6 N. R. 9 W.

DUPLICATE

County Powell

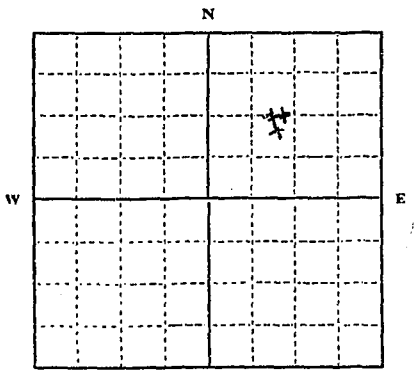
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Albert Beck, 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. 6 T. 6 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. Domestic and Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. During the year of 1882 and continuous since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 30 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. For lawn and garden about 2 Acres NE 1/4 Sec. 6 T. 6 N. R. 9 W

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

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

8. The depth of water table. 12' to 15'

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 Well 6" casing 75' deep  
#2 " 4" " 30' "  
#3 " 36" Rock casing Hand dug 24' 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. 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. Albert Beck

Date. Dec. 30, 1963

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

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

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

72966

DECLARATION OF VESTED GROUND-  
WATER RIGHTS

ALBERT BECK

RECEIVED  
POWELL COUNTY, MONTANA

December 30th, 19 63  
at \_\_\_\_\_ minutes past 2:30 o'clock  
P.M.

Daniel B. Hertz, Jr.  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fee \$ 2.00 Paid

GW

File No. ....

T. 6N R. 9W

DUPLICATE

County Powell

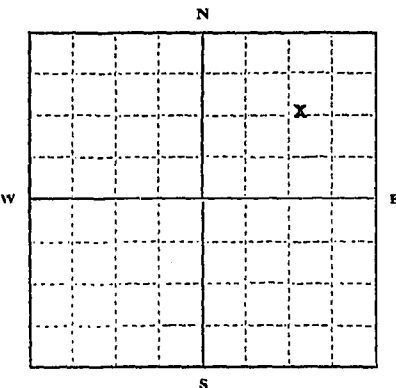
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 10 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

I, Erma L. Lowery, of S 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:



NE4NE 1/4 Sec. 6 T. 6N. 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... Domestic and stock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1877

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 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... 100' x 200'

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... 1877

8. The depth of water table... 25'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... Not available.

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

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 Erma L. Lowery  
Date December 31st, 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.

29335

73036

DECLARATION OF VESTED GROUND-  
WATER RIGHTS

ERMA L. LOWERY

**RECEIVED**  
**POWELL COUNTY, MONTANA**

December 31st, 19 63  
at \_\_\_\_\_ minutes past 4:28 o'clock  
P. M.

Daniel B. Hertz, Jr.  
Clerk and Recorder

By \_\_\_\_\_  
Deputy

Fee \$ 2.00 Paid

T. 6 North R. 9 West

County: Powell

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JUN 26 1961

WATER WELL LOG

STATE ENGINEER


Owner: Marvin Hero Address: Box 1

Deer Lodge Montana

Driller: C.F. Wroble Address: Millcreek Box 1

Anacostia Montana

Date Started: June 14 1961 Date Completed: June 15 1961

Location: Sec. 7 T. 6 N R. 9 W 1/4 sec.

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: \_\_\_\_\_

Casing: Surface ft. to 40 ft. Type: Standard Size: 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type: \_\_\_\_\_ Size: \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type: \_\_\_\_\_ Size: \_\_\_\_\_

Perforated or Screened: Ft. 5 to ft. 40 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: 1/8"x5" slots

Static Water level, for non-flowing well: 3 1/2' feet.

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

Pumping water level: 3 1/2' feet at 60 gal. per min.

How tested: Pumped

Length of test: 2 hrs.

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

1 ft. of gravel pack to seal clay at botto

(over)





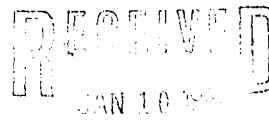
File No. ....

T. 6 N. 9 W. 3

DUPLICATE

County Forsyth

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

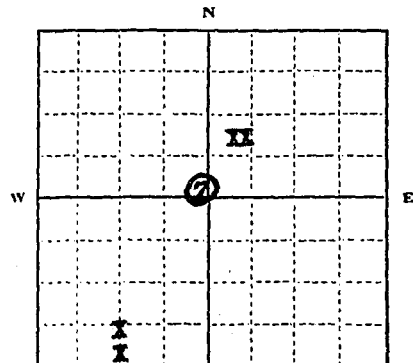


Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John & Charles Vanisko, of RFD Deer Lodge  
(Name of Appropriator) (Address) (Town)  
County of Deer Lodge State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



See above for location

1/4 Sec. 7 T. 6 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.....  
Household and Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
Unknown for two and two developed in the last 3 years.

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
700,000 per well (gallons)

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.....  
Refer to item 3.

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" casings & steel pipe

10. The estimated amount of groundwater withdrawn each year..... 700,000 per well.

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

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

Signature of Owner Charles Vanisko

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.

29349

73141

DECLARATION OF VESTED GROUND-  
WATER RIGHTS

JOHN & CHARLES VANISKO

RECEIVED  
POWELL COUNTY, MONTANA

January 8th, 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. ....

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

QUADRUPLICATE

County ..... ✓

LOG

MAY 2 1971

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

DEVELOPED AFTER JANUARY 1, 1962  
(Under Chapter 237, Montana Session Laws, 1961)

Doc. No. 84683  
Filed for record  
this 5 day of May  
A. D. 19 71 at 10:30  
o'clock A. M.

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

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

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

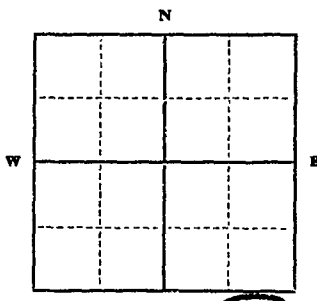
Date well started ..... Date completed .....

Type of well ..... Equipment used .....  
(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" 17.45	0	60	cuttings pack	2-25'	



SE 1/4 Sec. 9 T. 6 R. 9  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 10 feet.

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

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

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

How Tested .....

Length of Test .....

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

(Continue on reverse side)

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

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 .....

Driller's Signature .....

48438

File No. ....

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

QUADRUPLICATE

GROUNDWATER RESOURCES BOARD

County Beavertown ✓

LOG

RECEIVED

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

MAY 7 1971

Top of Ground  
(Elev. above sea level 7300)

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

(Under Chapter 237, Montana Session Laws, 1961)

Doc. No. 84683  
Filed for record  
this 5 day of May  
A. D. 19 71 at 10:30  
o'clock A M.

Owner Walter Ford Address Deer Lodge  
Driller Robert Mord Address Box 134

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

Date well started April 11, 71 Date completed April 12, 71

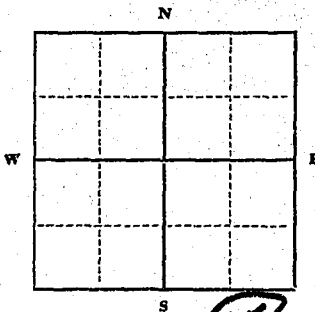
Type of well Drilled Equipment used Churn drill  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17LB	0	60	Cutting	2 - 6ft	rock



Static Water Level for non-flowing well 10 feet.

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

Pumping Water Level 2.5 feet at 20 gal. per minute.

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

How Tested Painted

Length of Test 2 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff) NOT APPLICABLE

SE 1/4 Sec. 9 T. 6 R. 9  
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). NONE

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.

209  
Driller's License Number

Robert Mord  
Driller's Signature

48438

84683

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

WALTER FORD

RECEIVED

POWELL COUNTY, MONTANA

May 5th 1971

at \_\_\_\_\_ minutes past 10:30

A.M.

*Bennie J. Miller*  
Clerk and Recorder

By \_\_\_\_\_  
Asst. Deputy

Fee \$ 2.00+

File No. ....

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

QUADRUPPLICATE

County. ....

LOG

RECEIVED

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

MAY 7 1971

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

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)



84683  
May 7 10:30  
A. H.

Owner: William Ford Address: .....

Driller: ..... Address: .....

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

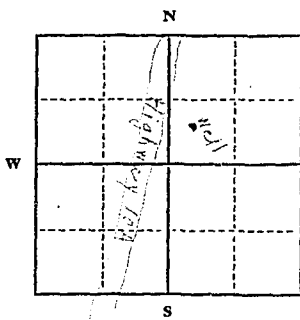
Date well started: April 1971 Date completed: April 1971

Type of well: ..... Equipment used: .....  
(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"	2 1/2"	0	60	.....	.....	.....



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

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

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

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

How Tested.....

Length of Test.....

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

SE 1/4 Sec. 8, T. 6, R. 9  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

48438

File No. ....

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

QUADRUPLICATE

County Blaine ✓

LOG

RECEIVED

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

MAY 7 1971

Top of Ground

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

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Soil  
Well No. 84683  
Date for record  
May 5 day of May  
1971 10:30  
A.M.

Owner Walter Ford Address Dayton

Driller Robert Wood Address Dayton

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

Date well started April 1971 Date completed April 1971

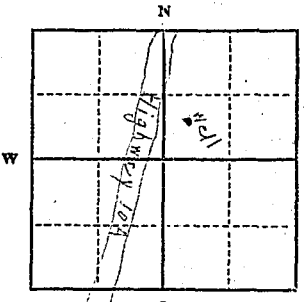
Type of well Drilled Equipment used Hand drill  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 1745	0	60	cutting pack	2-60'	



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

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

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

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

How Tested.....

Length of Test.....

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

SE 1/4 Sec. 8 T. 6 R. 9  
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 question. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature

48439

38

File No.....

T. 6 N. R. 9 W

DUPLICATE

County... Powell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 20 1963

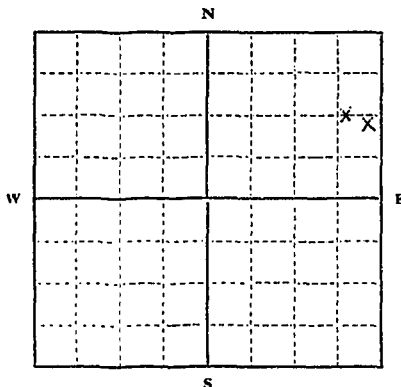
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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:



2. The beneficial use on which the claim is based... Domestic and Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... Dug well - 1880  
Drilled well - Sept. 10, 1955

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

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

NE 1/4 Sec. 8 T.6N. R. 9W.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1880 - Dug well  
1955 - Drilled well

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... Dug well - 2' x 2' - 8' deep  
Drilled well - 4" casing - 20' 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.

10964



72861

DECLARATION OF VESTED GROUND-  
WATER RIGHTS

AGNES STAFFANSON

RECEIVED  
POWELL COUNTY, MONTANA

December 16th, 1963  
at \_\_\_\_\_ minutes past 3:40 o'clock  
P.M.

Daniel B. Hertz, Jr.  
Clerk and Recorder

By \_\_\_\_\_  
Deputy

Fee \$2.00 Paid

File No. ....  
DUPLICATE

RECEIVED  
DEC 30 1963

T. 67 R. 9W  
County Powell

STATE ENGINEER

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



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

0 to 16 sand & gravel  
16 to 20 sand & (water)

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner *Frank Staffanson* Address *Deer Lodge, Mont.*

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

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

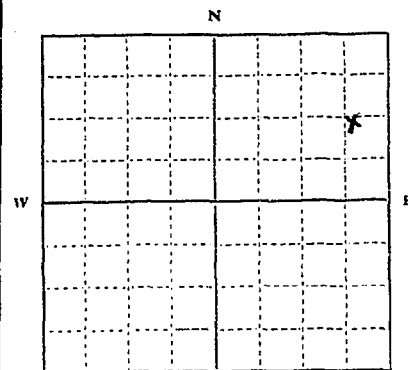
Date well started *11-15-62* Date Completed *11-15-62*

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" 19#	0	20	cutting Torch	15	20



*T6. 1/4 Sec. 8 T67N R9W*  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

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

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

Pumping Water Level *9* feet at *35* gal. per minute.

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

How Tested *pump* Length of Test *3 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.

72922

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

AGNES STAFFANSON

RECEIVED  
POWELL COUNTY, MONTANA

December 26th, 19 63  
at \_\_\_\_\_ minutes past 1:20 o'clock  
\_\_\_\_\_ P. M.

Daniel B. Hertz, Jr.  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fee \$2.00 Paid

File No. MONTANA WATER RESOURCES BOARD

DUPLICATE

RECEIVED

OCT 27 1967

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

T. 5N. R. 9W

County POWELL

MONTANA  
SECRETARY  
MONTANA  
Beer Lodge  
Clerk and Recorder  
Clerk

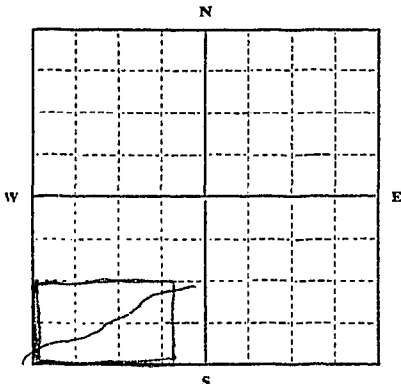
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Harvey F. Eliason

1. \_\_\_\_\_, of \_\_\_\_\_, (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:



SW 1/4 Sec 9 T. 6N. R. 9W M.P.M.

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

2. The beneficial use on which the claim is based. for irrigation and use by stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 6/1/53 Continuously used since that time

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 150 miner's inches

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. SW 1/4 SW 1/4 and W 593' of SE 1/4 SW 1/4 of Section 9, T6N, R9W M.P.M. by 60 Acres  
Owner: Harvey F. Eliason

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Built drainage ditch coming into land at SW corner and running thence Northeasterly thru said land.

7. The date of commencement and completion of the construction of the ditch well, wells, or other works for withdrawal of groundwater. 6/1/52 to 10/1/52

8. The depth of water table. 3'

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. Ditch is 6' deep and 8' wide being approximately 3/4 of a mile long

10. The estimated amount of groundwater withdrawn each year. 800 miner's inches

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 Information

Signature of Owner Harvey F. Eliason  
Date October 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.

42,446

79507

**RECEIVED  
POWELL COUNTY, MONTANA**

October 25 19 67  
at \_\_\_\_\_ minutes past 1:45 o'clock

P. M.  
Elfa McDonough  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fee \$ \_\_\_\_\_

File No. ....

T. 6 R. 9

DUPLICATE

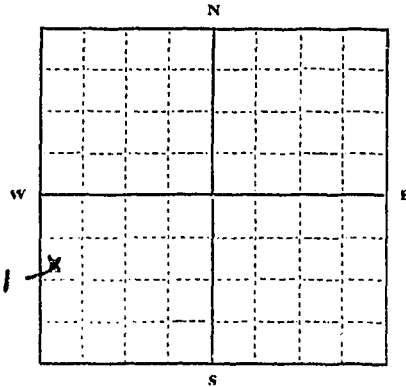
County Powell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

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

1. Robert Evans, of R.F.D. 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:



SW 1/4 NW Sec. 9 T. 6 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. Livestock WATER
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1880
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 800 gal. per hr.
- 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. Pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1890
- 8. The depth of water table. 5 ft.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 2" casing 21' deep.
- 10. The estimated amount of groundwater withdrawn each year. 1000 gals. per day.
- 11. The log of formations encountered in the drilling of each well if available. Gravel
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner. Robert Evans

Date. Dec. 30/1963

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

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

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

73006

DECLARATION OF VESTED GROUND-  
WATER RIGHTS

ROBERT EVANS

**RECEIVED**  
**POWELL COUNTY, MONTANA**

December 31st, 19 63

at \_\_\_\_\_ minutes past 1:17 o'clock  
P. M.

Daniel B. Hertz, Jr.  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fee \$ 2.00 Paid

GW 3

MONTANA WATER RESOURCES BOARD

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—42345

File No. ....

JUN 9 1970

T. 6 R. 9 W

DUPLICATE

County Jewell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

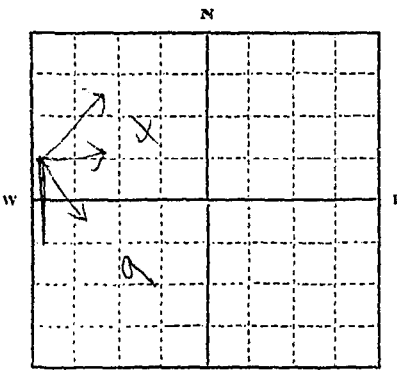
Date of Appropriation of Groundwater June 1, 1970

Owner Raymond Johnson Address 3#1 Deer Lodge

Contractor (if any) .....

Address of Contractor .....

Date Started May 15, 1970 Date Completed May 28, 1970



NW 1/4 Sec. 9 T. 6 R. 9 W

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

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

Drains

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

Gravity

3) Depth of water table .....

6 ft.

4) Use of the water .....

Irrigating

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) .....

Approx 250 miners inches - overall

6) If used for irrigation, give number of acres and description of land .....

250 Acres

7) Estimate amount of water used each year .....

N.W 1/4 of Sec 9  
W 1/2 of Sec 4 T. 6 R. 9 W.

Signature of Owner .....

Raymond Johnson

Date 6/1/70

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.



83292

**RECEIVED**  
**POWELL COUNTY, MONTANA**

June 5th 19 70

t \_\_\_\_\_ minutes past 2:00 o'clock

P. M.

Elfa McDonough

Clerk and Recorder

By \_\_\_\_\_ Deputy

Fee \$ \_\_\_\_\_

File No. RECEIVED

T. 6 R 9 W

DUPLICATE JUL 1 1970

County Powell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

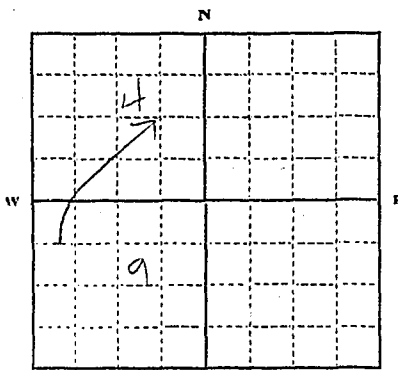
Date of Appropriation of Groundwater June 1, 1970

Owner Raymond J. Johnson Address P.O. Deer Lodge

Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed 1965



NW 1/4 Sec. 9 T. 6 R. 9 W

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

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) \_\_\_\_\_  
Drains

2) Means of withdrawing water (gravity, pump, canal, etc.) \_\_\_\_\_  
Gravity

3) Depth of water table 6 ft.

4) Use of the water \_\_\_\_\_  
Irrigating

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) Approx 200 or all

6) If used for irrigation, give number of acres and description of land 250  
NW 1/4 of Sect 9  
W 1/2 of Sect 4 T 6 R 9 W

7) Estimate amount of water used each year 200 in.

Signature of Owner Raymond J. Johnson  
Raymond J. Johnson  
Date 6-11-1970

Doc. No. 83358  
Filed for record  
this 29 day of June  
A. D. 19 70, at 3:30  
o'clock P.

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.

83358

RECEIVED  
POWELL COUNTY, MONTANA

June 29th 1970

       minutes past 3:30 o'clock

P. M.

Elfa McDonough  
Clerk and Recorder

by \_\_\_\_\_ Deputy

fee \$ \_\_\_\_\_

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

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

Developed After January 1, 1963

(Under Chapter 237 Montana Session Laws, 1961)

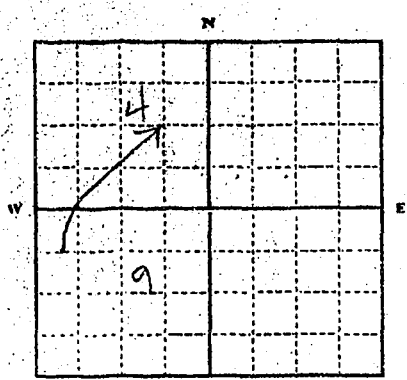
Date of Appropriation of Groundwater June 1, 1970

Owner Raymond J. Johnson address Rt 1 Beavertide

Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started May 1965 Date Completed June 1965



NW 1/4 Sec. 9 T. 6 R. 9W

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

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

Drains

2) Means of withdrawing water (gravity, pump, canal, etc.) \_\_\_\_\_

Gravity

3) Depth of water table 6 ft.

4) Use of the water \_\_\_\_\_

Irrigating

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) Approx 200 or all

6) If used for irrigation, give number of acres and description of land 250

NW 1/4 of Sect 9  
W 1/2 of Sect 4 T 6 R 9W

7) Estimate amount of water used each year 200 in

Doc. No. 83358  
 Filed for record  
 this 29 day of June  
 A. D. 1970, at 3:30  
 o'clock P.M.

Signature of Owner Raymond J. Johnson  
Raymond J. Johnson  
 Date 6-7-1970

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.

T. 6N R. 9W  
County Powell

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

WATER WELL LOG

	X		

Owner Louise Peterson Address Deer Lodge  
Driller Emmette Skeefe Address Deer Lodge  
Date Started Sept 15th Date Completed Sept 16th

STATE MINES

Location: Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ 1/4 sec. \_\_\_\_\_

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: \_\_\_\_\_

Casing: 28 ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or ~~Screened~~: Ft. 25 to ft. depth Ft. 35' to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static Water level, for non-flowing well: \_\_\_\_\_ 3 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)

This well is not fully developed

Depth, feet  
From \_\_\_\_\_  
To \_\_\_\_\_

Description of Material Drilled

WATER WELL LOG

LOUIS E. PETERSON

**RECEIVED  
POWELL COUNTY, MONTANA**

November 28th, 1961

at \_\_\_\_\_ minutes past 1.25 o'clock  
\_\_\_\_\_ P. M.

Clerk and Recorder

By Daniel B. Hertz, Jr.  
Deputy

Fee \$ NC

File No. ....

T. 6N R. 9W

DUPLICATE

County Powell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

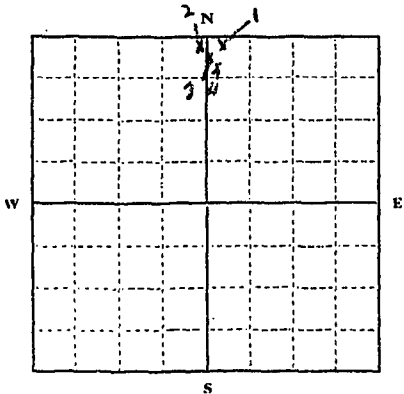
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Robert Eyans, of R.F.D. 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:



1/4 Sec. 17 T. 6N 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 Live stock  
WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well No. 1. 1880  
Well No. 2. 1960 Well No. 3. 1900  
Well No. 4. 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute) All Wells 300 gals. per min. hrs

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 P.M.P.

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

8. The depth of water table 4 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 No. 1. 6 in casing 21 ft. deep.  
No. 2. 2" casing 31 ft. deep.  
No. 3. dug well 15 ft. deep.  
No. 4. 2" casing 31 ft. deep.

10. The estimated amount of groundwater withdrawn each year 1000 gals per day.

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

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

Signature of Owner Robert Eyans

Date Dec. 30, 1963

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

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

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

24822

73005

DECLARATION OF VESTED GROUND-  
WATER RIGHTS

ROBERT EVANS

RECEIVED  
POWELL COUNTY, MONTANA

December 31st, 19 63  
at \_\_\_\_\_ minutes past 1:16 o'clock  
P.M.

Daniel B. Hertz, Jr.  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fee \$ 2.00 Paid



File No. ....

T. 6 R. 9

DUPLICATE

County Powell

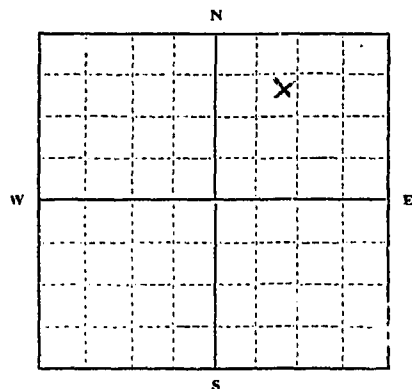
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *Harriet Heil & George H. Heil* 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:



1/4 Sec. 17 T. 6 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. *Livestock water*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *1961 - every day*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). *15 gallons a minute*
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. *None*
- 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. *1961*
- 8. The depth of water table. *2 ft.*
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. *2" casing - 21' deep*
- 10. The estimated amount of groundwater withdrawn each year. *7,684,000 gallons*
- 11. The log of formations encountered in the drilling of each well if available. *Sand, clay, gravel*
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. *none*

Signature of Owner *William J. McShu*  
*George H. Heil*  
Date *Dec 30, 1963*

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.  
Please answer all questions. If not applicable, so state, otherwise the form will be returned.  
Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

73007

DECLARATION OF VESTED GROUND-  
WATER RIGHTS

WILLIAM J. MCGHEE, ET AL

**RECEIVED**  
**POWELL COUNTY, MONTANA**

December 31st, 19 63  
at \_\_\_\_\_ minutes past 1:18 o'clock  
P. M.

\_\_\_\_\_  
Daniel B. Hertz, Jr.  
Clerk and Recorder

By \_\_\_\_\_  
Deputy

Fee \$ 2.00 Paid

G.

File No. ....

T. 6 R. 9  
County Powell

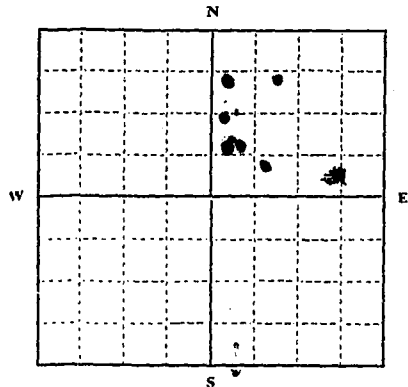
DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

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

1. Geil Harriet of R.F.D. Deer Lodge  
William J. McIver (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. 17 T. 6 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. drinking water and irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1940 - 1941 - 1948  
1955 - 1961 - ~~1961~~
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). ALL AVERAGE 15 GPM PER MINUTE BUT ONE 100 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. ONE ACRE OF LAWN
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. PUMPS

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1940 - 1941 - 1948 - 1955 - 1961 - ~~1961~~
- 8. The depth of water table. FROM 3 1/2' TO 5'
- 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" CASING 54 FT DRILLED  
2" CASING 21 FT DRIVEN  
3" CASING 21 FT "  
3" CASING 21 FT "  
4" " 21 " "
- 10. The estimated amount of groundwater withdrawn each year. 11,180,000
- 11. The log of formations encountered in the drilling of each well if available. none  
sand clay gravel
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. none

Signature of Owner William J. McIver  
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.

73008

DECLARATION OF VESTED GROUND-  
WATER RIGHTS

WILLIAM J. MCGHEE, ET AL

RECEIVED  
POWELL COUNTY, MONTANA

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

\_\_\_\_\_  
Daniel B. Hertz, Jr.  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fee \$ 2.00 Paid

File No. \_\_\_\_\_

T. 6 R. 9 W

DUPLICATE

County Powell

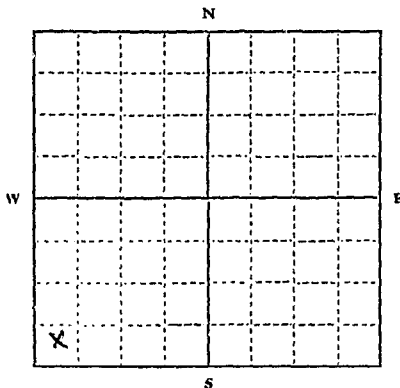
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 23 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Herndell M. Peterson, of Plot # 1 Deer Lodge  
(Name of Appropriator) (Address) (Town)  
County of Powell State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 17 T. 6 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 Domestic
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. This well has been used daily since Sept of 1953
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.0 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 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 Sept of 1953 to Oct of 1953

8. The depth of water table Not available

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater This is a 6 inch well 72 feet deep

10. The estimated amount of groundwater withdrawn each year 43,200 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 None

Signature of Owner Herndell M. Peterson

Date Jan 14, 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.

73243

DECLARATION OF VESTED GROUND-  
WATER RIGHTS

WENDELL M. PETERSON

RECEIVED  
POWELL COUNTY, MONTANA

January 21st, 19 64  
at \_\_\_\_\_ minutes past 10:30 o'clock  
A.M.

Daniel B. Hertz, Jr.  
Clerk and Recorder

By \_\_\_\_\_  
Deputy

Fee \$ 2.00 Paid

File No. ....

T 6N 9W 18  
R  
County Powell

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECORDED  
JAN 10 1964

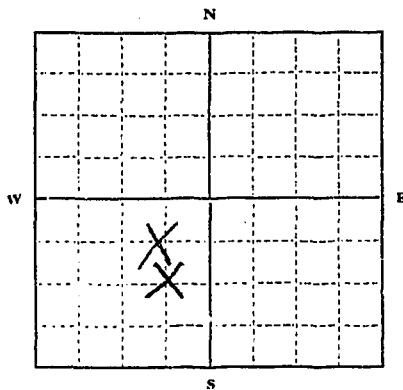
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. J. B. Jones, of P. F. D. Deer Lodge  
(Name of Appropriator) (Address) (Town)

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



NE 1/4 SW Sec. 18 T6N 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 house hold and Cattle

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. continuous since 1928

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 Miner's inches

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. #1 1928 #2 1939

8. The depth of water table #1 17ft. #2 12ft.

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 Concrete 4x4 ft. #2 2 in steel casing

10. The estimated amount of groundwater withdrawn each year 10 Gallons Per Minute

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

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

Signature of Owner J. B. Jones  
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.

73024

DECLARATION OF VESTED GROUND-  
WATER RIGHTS

J. B. JONES

**RECEIVED**  
**POWELL COUNTY, MONTANA**

December 31st, 1963

at \_\_\_\_\_ minutes past 3:20 o'clock

P.M.

Daniel B. Hertz, Jr.

Clerk and Recorder

By \_\_\_\_\_ Deputy

Fee \$ 2.00 Paid



File No. ....

T. 6 R. 9 W.

DUPLICATE

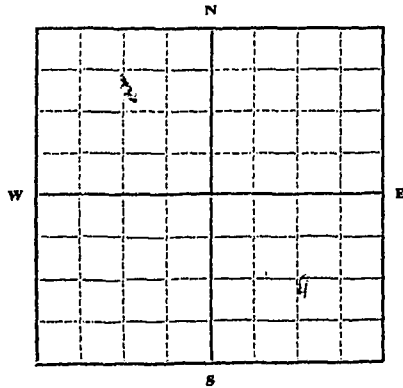
County Powell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
SEP 16 1963

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

1. Sylvan & Bennett, of Wier Lodge  
(Name of Appropriator) (Address) (Town)  
County of Powell State of Mont.  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SE Sec. 18, T. 6, 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 Domestic and Stock Water

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

4. The amount of groundwater claimed (in miner's inches or 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.....  
Electric Pump

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

8. The depth of water table..... nineteen 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 5 in pipe

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

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

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 Sylvan & Bennett

Date Nov 17 - 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.

72407

DECLARATION OF VESTED  
GROUNDWATER RIGHTS

SYLVAN H. BENNETT

RECEIVED  
POWELL COUNTY, MONTANA

September 13th, 19 63  
at \_\_\_\_\_ minutes past 3:00 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  
Developed after January 1, 1962

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.

(Under Chapter 227 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 Louis Johnson

Address Daer Lodge, Montana

Date well started August 2, 1971

completed August 5, 1971

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

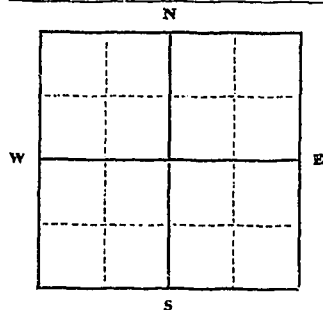
Equipment used Churn Drill  
(Churn drill, rotary or other)

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	1' ag	129'			
	5 5/8" od x .250	125'	150'	cutting torch	144'	149'



S.W. 1/4 S.W. 1/4 Sec. 31  
T. 6 N. R. 9  
S W

Static water level 90' ft.\*  
Pumping water level \_\_\_\_\_ ft.\*  
at 15 gallons per minute,  
measured \_\_\_\_\_ minutes after pumping  
began.

\*Measured from ground level.  
Well developed by bailing  
for 2 hours.

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

Water cleared after  
two hours bailing.

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0'	7'	top soil & clay
7'	20'	river boulders & gravel
20'	50'	cemented gravel & boulders
50'	90'	" " "
90'	125'	running sand
125'	150'	clay

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

Driller's Signature O'Keefe Contracting Company  
Bill Hillman

Driller's Address 2804 Harvard Ave.

Butte, Montana 59701 LICENSE NO. 8

150' Show exact depth of bottom

19037

85319

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Louis Johnson

RECEIVED

POWELL COUNTY, MONTANA

September 8th 19 71

at \_\_\_\_\_ minutes past 9:30 o'clock

A. M.

*Bessie J. Helber*  
Clerk and Recorder

By \_\_\_\_\_ *ER*  
Asst. Deputy

Fee \$ 2.00