

5395

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

AUG 16 1972

Date

at 1:35 o'clock P M

J. L. LENNON

County Clerk and Recorder

By J. D. Wilson
Deputy

File No.

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

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 26 1963

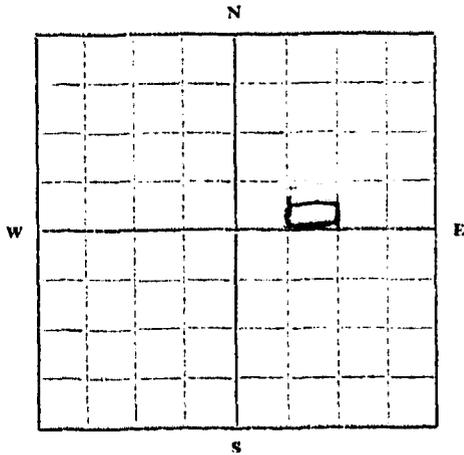
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Young of Rt. 1, So., Donovan Park
(Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec. 31 T. 20 R. 4E

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

4.6 Acres

In Lot 2MK Sec 31 B120 Rge 4E

2. The beneficial use on which the claim is based... drinking water... Irrigation for Yard, Drinking water for Horse and Calf

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... June 1959

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 20 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... 1 Acre

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Jet Pump... 10 feet west of dwelling

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

8. The depth of water table... 125 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... 2 possible Shallow wells 20 ft. deep Sand Point

10. The estimated amount of groundwater withdrawn each year... 120,000 Gals.

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... Robert N. Siferson

Date... 9-20-63

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.

6066

3379

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

SEP 20 1968

Date

at 4:15 o'clock P M

J. E. HERRICK

County Clerk

By *J. J. Johnson*
The Clerk

5519

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

Date **JUN 26 1973**

at 8:05 o'clock P.M.

J. L. LENNON
County Clerk and Recorder.

J. L. Wilson
Deputy.

5303 (14)

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within instrument was filed in this office on

JUL 27 1971

at 1140 o'clock a M.

J. L. LENNON
County Clerk and Recorder.

By J. L. Lennon
Deputy.

File No.

T. R. 32

DUPLICATE

County Cascade

MONTANA WATER RESOURCES BOARD
RECEIVED
AUG 12 1968

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)

Owner John Chappell Address Great Falls, Mont.

Driller Thomas B. Franklin Address Box 561

Date of Notice of appropriation of groundwater July 1, 1968

Date well started July 10, 1968 Date completed July 12, 1968

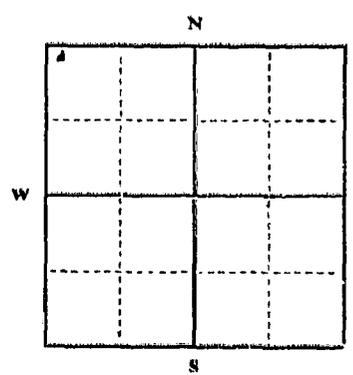
Type of well Drilled, Driven Equipment used Cable Tools
(Log, driven, bored or drilled) (Churn drill, rotary or other)

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)
5 5/8	5 5/8 O.D. 10 lbs per ft.	top	Bottom			



Static Water Level for non-flowing well 20 feet.

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

Pumping Water Level..... 44 feet
at..... 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... Boiler

Length of Test..... 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff)..... approx 3 ft. of gravel pack

SW 1/4, Sec 32, T10, R4E
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).

Intention 2 acres of Schauler and Trees

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.

84
Driller's License Number

Thomas B. Franklin
Driller's Signature.

44, 495

51 31

STATE OF MONTANA, }
County of Cascade. }

I hereby certify that the within instrument was filed in this office on

AUG 8 1968

Date

at 9:56 o'clock AM

J. L. LEMMON

County Clerk and Recorder.

By

J. L. Lemmon

Deputy

File No.

T. R.

DUPLICATE WATER RESOURCES BOARD

County. *Cascade*

RECEIVED STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
AUG 12 1968 OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. I, *John Appell*, of *Box 635*,
(Name of Appropriator) (Address) (Town)
County of *Cascade*, State of *Mont.*, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is *Irrigation of shrubs and trees 16 hrs per day.*
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed *10 gal. per min. annular*

4. The annual period (inclusive dates) of intended use *Jan. 1 to Jan. 1.*

5. The probable or intended date of first beneficial use *Sept. 1 - 68*

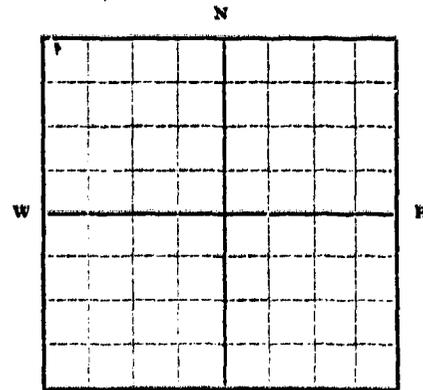
6. The probable or intended date of commencement and completion of the well* or wells* *Commencement 12 July 68*

7. The location, type, size and depth of well or wells contemplated *N.W. 1/4 Section 32, 5 1/2" O.D. Water Well Casney, 70' to aquifer*

8. The probable or estimated depth of the water table or artesian aquifer *70'*

9. Name, address and license number of the driller engaged *Thomas B. Franklin, License No 84 Box 561 Broad Falls, Mont.*

10. Give such other similar information as may be useful in carrying out the policy of this act. *No IDIV*



SW 1/4 Sec. 32 T20 R4E
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator *[Signature]*

Date *Aug 12 1968*

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

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

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

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

47-49-2

5130

STATE OF MONTANA, }ss.
County of Cascade.

I hereby certify that the within instrument was filed in this office on
AUG 8 1968

Date
at 9:55 o'clock a.m.

J. L. LENNON
County Clerk and Recorder.

By J. L. Lennon
Deputy

File No.

T. R.

DUPLICATE

County

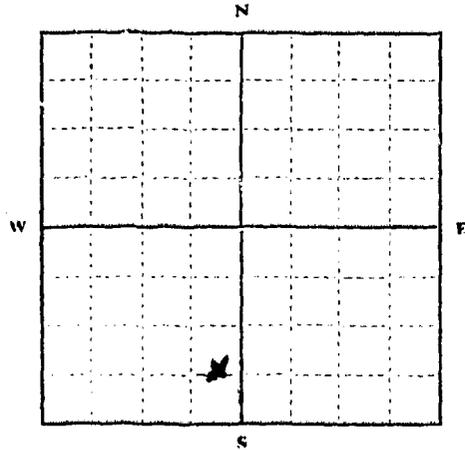
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. JOHN Chappell of 209 Fifth Street North
(Name of Appropriator) (Address) Great Falls (Town)
County of Cascade State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 32 T. 20 R. 4 E

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

2. The beneficial use on which the claim is based Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1961
Nearly every day

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallon per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal submersible
S-2-5014 Fairbanks Morse pump
electric

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March to May 1961

8. The depth of water table 123 ft (well 153 ft)

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" O.D. Iron casing to 27 ft
well 153 feet deep

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

11. The log of formations encountered in the drilling of each well if available 0-17 ft clay
17 to 22 ft sandstone, 22 to 112 ft hard sandstone chert, 112 to 123 ft sandstone & sandstone stringers,
123 to 153 ft sandstone.

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 Notice of water Right # 599045
Nov. 22, 1961 - Book 5 of water Rights, page 116 records for
Cascade, county.

Signature of Owner John Chappell
Date Jan 2 - 1964

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

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

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

4658

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within instrument was filed in this office on
JAN 2 - 1934

Date
at 12:35 o'clock P M.

J. L. LENNON
County Clerk and Recorder.

By J. L. Lennon
Signature

32

File No.

T. R.

DUPLICATE

County Cascade

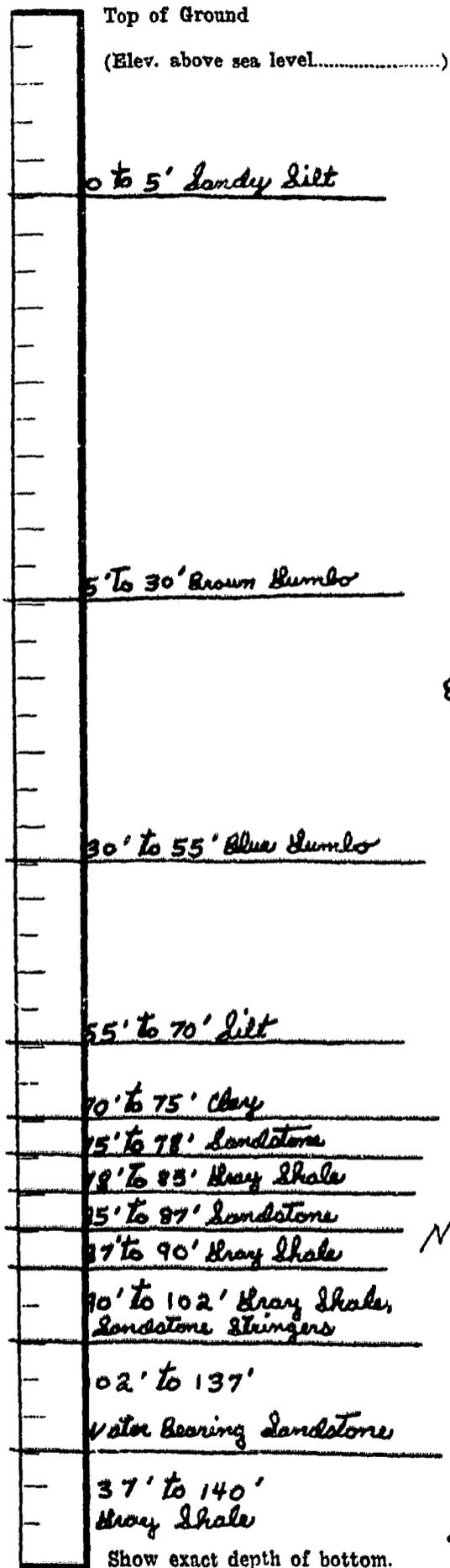
LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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



Owner G. E. Larson Address Great Falls, Mont.

Driller Thomas B. Franklin Address Great Falls, Mont.

Date of Notice of appropriation of groundwater Jan. 10, 1969

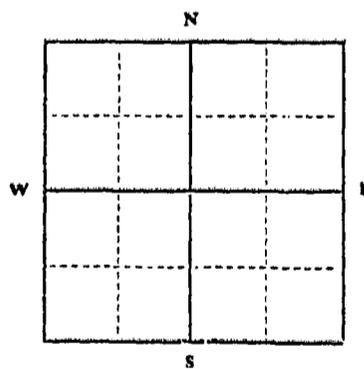
Date well started Feb. 5, 1969 Date completed March 15, 1969

Type of well Drilled Equipment used Cable tools
(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 inch	6 inch I. B. surface 19 lbs. per ft.	Surface	140	1/4" x 3"	90'	140'



Static Water Level for non-flowing well 30 feet.

Shut-in Pressure for Flowing Well None

Pumping Water Level... 85 feet
at... 20 gal. per minute.

Discharge in gal. per min. of flowing well
None

How Tested Bailer

Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) None

NW 1/4 Sec. 32 T. 20 R. 4 E
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).

Used for irrigation of shrubs, trees and grass on Lot 70.5

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.

84
Driller's License Number

Thomas B. Franklin
Driller's Signature

45,161

5163

STATE OF MONTANA, } ss.
County of Cascade. }

I hereby certify that the within instrument was filed in this office on

APR 18 1969

Date

at 11:30 o'clock A.M.

J. L. LENNON

County Clerk and Recorder.

By [Signature]
Deputy.

County 32

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 R. E. Larson
Address Rt. 2 South
Beart Tally, Mont.
Date well started March 30, 73 completed April 3, 73

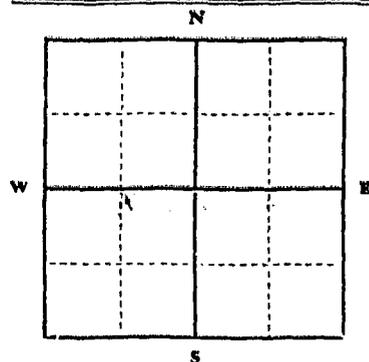
For Administrator's Use
File
GW 1

Type of well Drilled
(Dug, driven, bored or drilled)
Equipment used Cable Tools
(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 36,500 gals.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	5" I.D. approx 1/2 lbs per ft. Plastic	Surface	80	1/2" Bored	50	80



Static water level 48 ft.*
Pumping water level 80 ft.*
at 5 gallons per minute,
measured 10 minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 1 hours.
Power Big Pump none HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) none

N.W. 1/4 S.W. 1/4 Sec. 32
T. 20 N. R. 4 E

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

Driller's Signature Thomas B. Franklin
Driller's Address Aux. R.R. Box 561
Beart Tally, Mont. LICENSE NO. 84

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	5	Sandy Silt
5	30	Clay
30	48	Brassy Shale
48	50	Loose Rock and some gravel with water
50	80	Brassy Shale
		Water coming in well @ approx 48 to 50'

80' Show exact depth of bottom

5609

RECEIVED
SEP 27 1973
COUNTY CLERK
CASCADIA

5609-008-002

STATE OF MONTANA, } ss.
County of Cascade.

Witness my hand and the seal of the County of Cascade
at the County Clerk's office in this office on
SEP 27 1973

12:40 o'clock P.M.

J. A. HENSON
County Clerk and Recorder.

J. J. Chum
Deputy.

File No.

T. R.

DUPLICATE

County Cascade

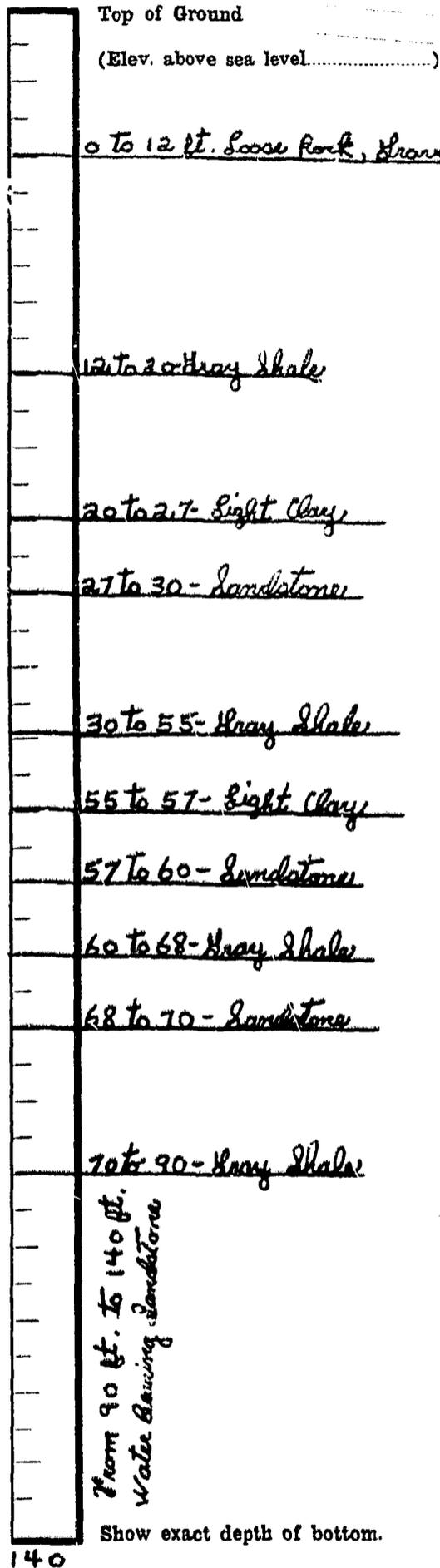
LOG

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)



Owner G. E. or Bettie B. Larson Address Great Falls, Mont.

Driller Thomas B. Franklin Address Great Falls, Mont.

Date of Notice of appropriation of groundwater Nov. 27, 1968

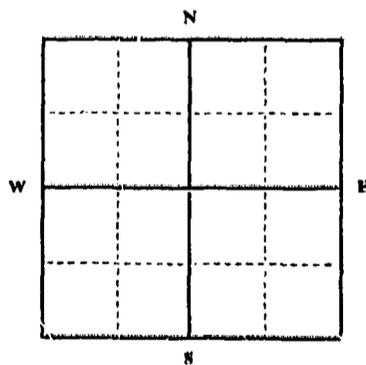
Date well started Dec. 5, 1968 Date completed Jan. 6, 1969

Type of well Drilled Equipment used Cable Tool
(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 inch	6 inch S. S. 19 lbs. per ft.	Surface	140 ft.	Slotted 4" x 3"	90 ft.	140 ft.



Static Water Level for non-flowing well 5.0 feet.

Shut-in Pressure for Flowing Well None

Pumping Water Level 9.5 feet

at 2.0 gal. per minute.

Discharge in gal. per min. of flowing well None

How Tested Bailer

Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) None

.....1/4.....Sec..... T..... R.....
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).

Will also use water from well for irrigation on Lot No. 6

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.

84
Driller's License Number

Thomas B. Franklin
Driller's Signature.

44,722

5153

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

JAN 10 1969

Date

at 1:15 o'clock P M

J. E. LENNON

County Clerk and Recorder.

By

[Signature]

Deputy.

File No.

T. 20N R. 4 East 32

DUPLICATE

County Cascade

LOG

MONTANA WATER RESOURCES BOARD
RECEIVED

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)

Clarence A. and/or

Owner Mary Ann Pursley Address Gt. Falls, Mont.

Driller Pat Byrne Address Gt. Falls, Mont.

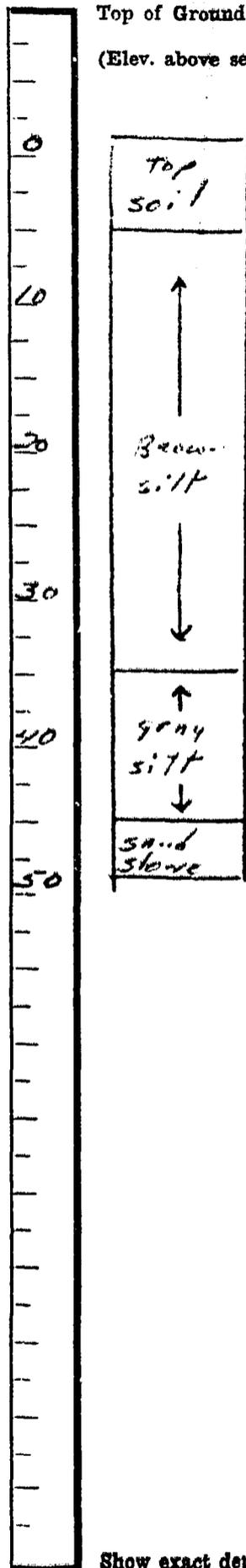
Date of Notice of appropriation of groundwater.....

Date well started 7-22-1969 Date completed 7-23-1969

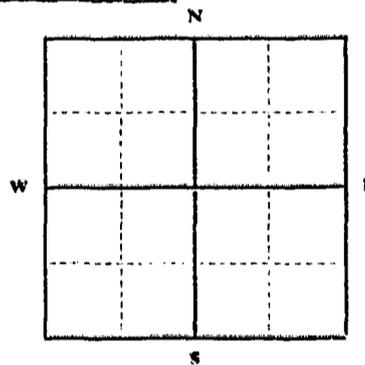
Type of well Drilled Equipment used Churn drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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)
8"	6-5/8"	0	43	Not Perforated		



Static Water Level for non-flowing well 20 feet.

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

Pumping Water Level..... 60 feet
at..... 60 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... Bailer

Length of Test..... 1 hour

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

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.

335
Driller's License Number

Pat Byrne
Driller's Signature

15498

5179

STATE OF MONTANA,) ss.
County of Cascade.)

I hereby certify that the within instrument was filed in this office on

JUL 25 1969

Date

at 10:40 o'clock A M

J. L. LENNON

County Clerk and Recorder

By [Signature]

Deputy

GW 3

File No. 2

DUPLICATE

T. 20 R. 4E

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 27 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 20 - 63

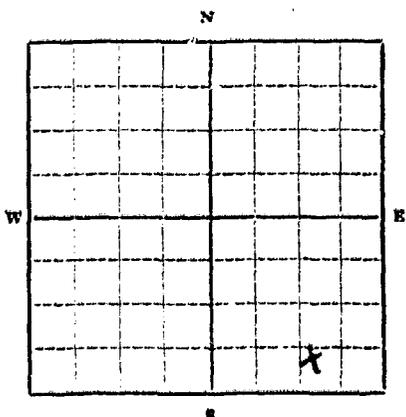
Owner Robert A. Bell Address Get Falls Mont RT 1 E

Contractor (if any) _____

Address of Contractor _____

Date Started 1890 Date Completed 1890

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



SE 1/4 Sec. 33 T. 20 R. 4E

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 _____

1/2 gal per minute thru pipe to tank in pasture

Signature of Owner Robert A. Bell

Date Dec 20 - 63

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

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

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

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

File No.

T. S. R.

DUPLICATE

County

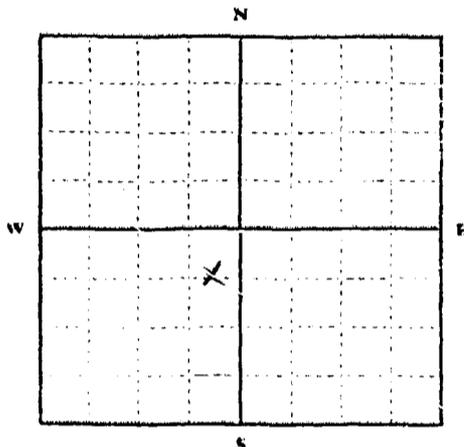
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 1 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *Walter L. Lyman*, of *Lead*,
(Name of Appropriator) (Address) (Town)
County of *DeWalt* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 33 T. 20 N. R. 4 E

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 *Farm Water Supply*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been *I have used this well since 1945, but it was drilled early 1940's, probably about 1910*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) *12 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 for irrigation on section only 1800 sq ft water*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *By submersible pump*
- 7. The date of commencement and completion of the construction, of the well, wells, or other works for withdrawal of groundwater *Some construction, but nothing done yet*
- 8. The depth of water table *100 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 *Depth 130 ft - 5 inch steel casing
Diameter 4 ft for pump tower*
- 10. The estimated amount of groundwater withdrawn each year *100,000*
- 11. The log of formations encountered in the drilling of each well if available *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

Date

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

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

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

28620

4635

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 31 1963

at 457 1/2

J. E. LEITCH
County Clerk and Recorder.

W. J. Fugitt
Deputy.

34

File No.....

T. 20^N R. 4^E

DUPLICATE

County Cascade

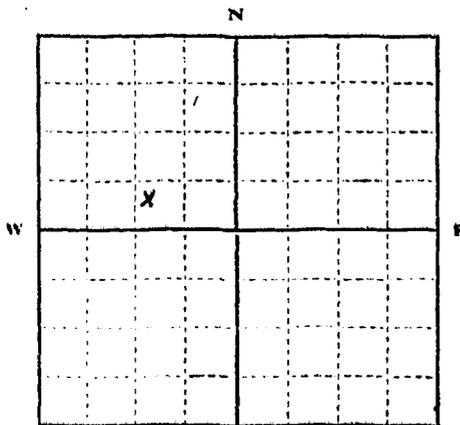
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 17 1963

STATE ENGINEER
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 1953
Owner John M. Stanish Address Route # 1 South Great Falls Mont
Contractor (if any) None
Address of Contractor
Date Started June 1953 Date Completed June 1953



SE 1/4 NW 1/4 Sec 34 T20N R4E
Indicate point of appropriation and place of use, if possible.

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

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. Spring runs approximately 4 gals per minute all of which is used each year from March to October. Quantity of water estimated by measure of amt. emerging at point marked above on sheet period of time.
Signature of Owner John M. Stanish

Date 12/11/63

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

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

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

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

73098
STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 12 1963

Date

at 3:31 o'clock P. M.

J. L. LENNON

County Clerk and Recorder.

By [Signature]
Deputy.

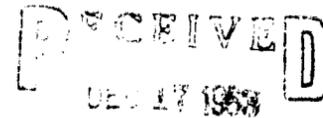
File No.....

T. 20 R. 14

DUPLICATE

County Douglas

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

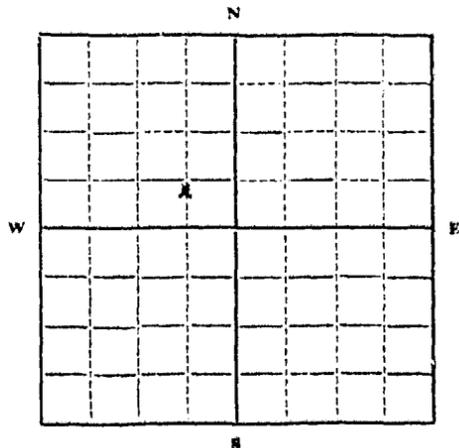


Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John M Stanish of Route #1 South Great Falls
(Name of Appropriator) (Address) (Town)
County of CASCADE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 of Sec 34, T. 20 N. R. 14 E

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 Domestic Watering Cattle & Poultry
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Began use in June 1953 And use for above purposes has been continued since that date.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) Twenty (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 None
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Withdrawn by jet pump. One well located in marked place.
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater One well completed & commenced about June 1953
- 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 Well is 105 feet deep. Water withdrawn by 1 HP Jet Pump
- 10. The estimated amount of groundwater withdrawn each year 72,000 GAL
- 11. The log of formations encountered in the drilling of each well if available Information 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 John M Stanish
Date 12/11/63

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

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

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

#3487

STATE OF MONTANA, }
County of Cascade }
I hereby certify that the within in-
strument is on file in this office on
DEC 12 1968

at 3:30 o'clock P.M.

J. L. LENNON
County Clerk and Recorder.

By B. J. [Signature]
Deputy.

File No.

T. 19N R. 4E

DUPLICATE

County Cascade

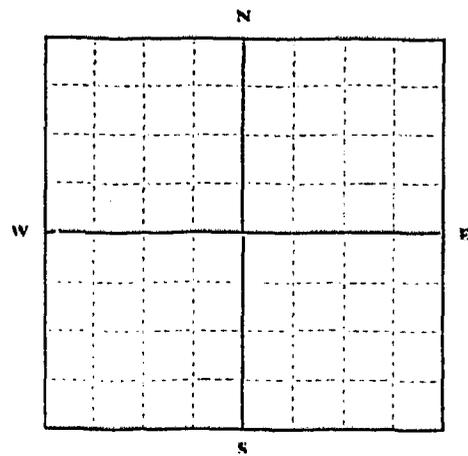
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 20 1963

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

1. Loretta Alice Wirtala, of Sand Coulee
(Name of Appropriator) (Address) (Town)

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



SW 1/4; N 1/2 SE
1/4 Sec. 34 T19N, R. 4E

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 is used for residence.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1928 - 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute). About 3 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. No

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. one well-water withdrawn by jet pump powered by electricity.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1928 drilled to 150' - 1940 drilled same well 100' deeper and replaced pipes and pump.

8. The depth of water table. 255 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. only one well-drilled to depth of 255 feet.

10. The estimated amount of groundwater withdrawn each year. will run dry in 20 minutes. Pumps about 3 gals a minute. Well will refill in about one to two hours.

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. Page 537 Book 187

Signature of Owner Loretta A. Wirtala
Date 12-19-63

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.

10676

3605
STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 10 1968

Date

at 10:25 o'clock AM.

J. L. LENNON

County Clerk and Recorder.

By [Signature] Deputy.

File No.

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 19 1964
STATE ENGINEER

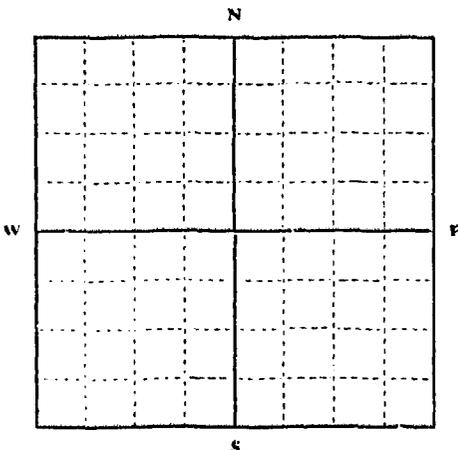
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. of (Name of Appropriator) (Address) (Town)

County of State of

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



 1/4 Sec. T. R.

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

- 2. The beneficial use on which the claim is based.....
- 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.....

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.....

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

10. The estimated amount of groundwater withdrawn each year 536,500

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

Date

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

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

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

28335

4345

CLERK AND RECORDER
CASCADE COUNTY, MONTANA
I HEREBY CERTIFY THAT THE WITHIN
INSTRUMENT WAS FILED FOR RECORD
IN THIS OFFICE ON
DEC 31 1963

AT 11:33 a M
AND DULY RECORDED AS DOCUMENT

NO. _____

J. L. LENNON
CLERK AND RECORDER

BY J. L. Lennon
DEPUTY

File No.

T 20N R 4E

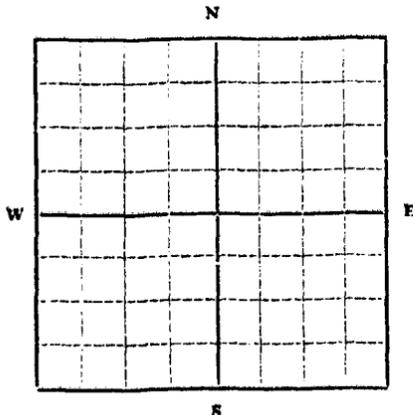
DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **Frank B. Regan**, of **Route #2 South, Great Falls, Montana**
(Name of Appropriator) (Address) (Town)
County of **Cascade** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



..... 1/4 Sec. T. R.

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

- 2. The beneficial use on which the claim is based : **irrigation and domestic use.**
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **2 wells: House use, 1909, irrigation use since 1946 or 1947.**
- 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. **Irrigate approximate 1/2 acre owned by the appropriator.**
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. **Have electric pump on each well.**
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. **Well used for domestic purposes was drilled about 1909. The well used for irrigation was drilled in 1946 or 1947.**
- 8. The depth of water table. **On the average the water level has been 14 to 16 feet below the ground.**
- 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. ~~Both are hard water~~ **Both are hard water hand dug wells. About 4' wide and about 18' 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. **Gumbo to quicksand. The gumbo goes down to about 12'.**
- 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 applicable.**

Signature of Owner *Frank B Regan*

Date **February 9, 1962.**

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

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

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

File # 3034

STATE OF MONTANA, ss.
County of Cascade
I, Clerk of the Court, do hereby certify that the within in
is a true and correct copy of the original as the same is
kept in this office of
FEB 21 1962
3:04 P.M.

J. Lennon
Clerk of the Court

County of Cascade

GW:

File No.

DUPLICATE

T. 20 R. 22

County CASCADE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

OTTO E JOHNSON

Owner Doyle Johnson Address SAND Coulee

Contractor (if any)

Address of Contractor

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

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

NATURAL SPRING FLOW

NAT. AVAILABLE

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

tent estimate approximate lengths of periods of use

NATURAL SPRING FLOW USED FOR STOCK

WATER

Signature of Owner Otto Johnson

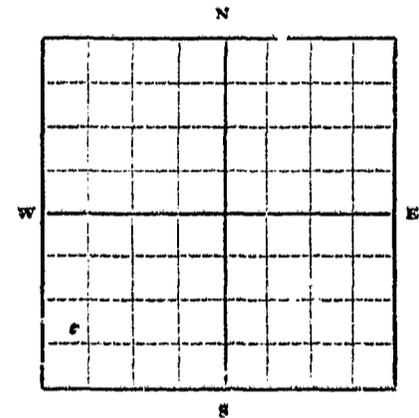
Date Dec 26, 1963

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

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

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

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



S.E. 1/4 S.E. Sec. 3 T. 20. R. 22

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

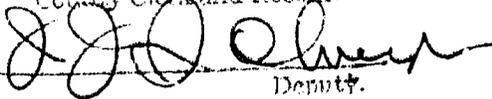
4219

STATE OF MONTANA, }
County of Cascade. }

I hereby certify that the within instrument was filed in this office on
DEC 31 1963

at ^{8:30} o'clock ^{AM} M.

J. L. LENNON
County Clerk and Recorder.

By  Deputy.

CW 3

File No.

T. 20 R. 52

DUPLICATE

County CASCADE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

OTTO E JOHNSON

Owner *DON L JOHNSON* Address *SAND COULCE*

Contractor (if any)

Address of Contractor

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

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

NATURAL SPRING FLOW

NOT AVAILABLE

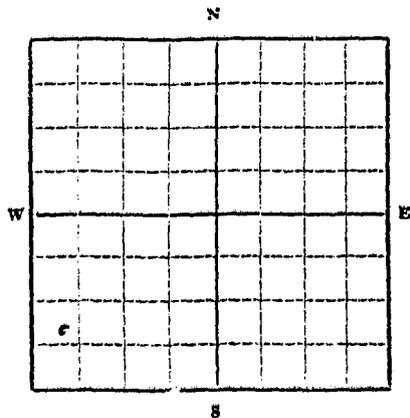
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

NATURAL SPRING FLOW USED FOR STOCK

WATER

Signature of Owner *Otto E Johnson Don L Johnson*

Date *Dec 26, 1963*



S.E. 1/4 Sec. 3 T. 20 R. 52

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.

4219

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 31 1963

at _____^{Date} 8:30 o'clock _____ M.

J. L. LENNON
County Clerk and Recorder.

By J. J. Oliver
Deputy.

File No.

T20 N R 5 E.

DUPLICATE

County Cascade

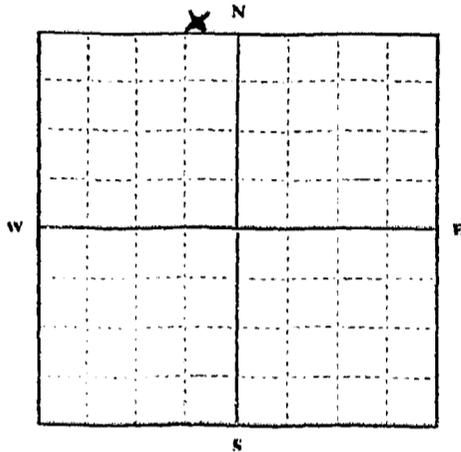
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 20 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **John D. Larson** (Name of Appropriator) of **3220 4th Ave. So.** (Address) **Great Falls** (Town)
County of **Cascade** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 2
NW 1/4 Sec. 3 T.20N R. 5E

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 watering livestock**
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been **about 1948, used continuously**
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) **10 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 **not used for irrigation**
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **electric driven pump jack, cylinder and rods, well located 50 ft. S.E. of dwelling house**
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **about 1948**
- 8. The depth of water table **about 100 ft.**
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **drilled well, about 250 ft. deep, cased with 5 or 6 in. casing**
- 10. The estimated amount of groundwater withdrawn each year **50,000 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 **no other information available.**

Signature of Owner *John D. Larson*
Date **Dec. 17, 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.

3604

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 18 1963

at

1:51 o'clock P.M.

J. L. LEMON

County Clerk and Recorder.

By A. C. Smith
Deputy.

File No.

T. 20N R. 5E

DUPLICATE

County Cascade

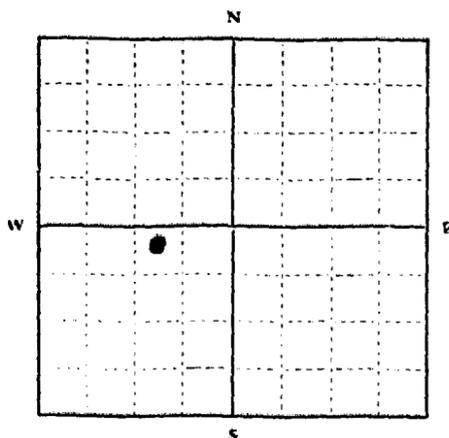
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Art Waltari, Hannah Waltari, John Waltari, Charles Waltari,
1. **Wayne Waltari and Elsie Murphy**, of **Great Falls, Montana**
(Name of Appropriator) (Address) (Town)
County of **Cascade** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



E 1/4 Sec. 3 T20N R. 5E

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 of garden and watering of cattle.**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1931 and continuous use**
4. The amount of groundwater claimed (in miner's inches or gallons per minute). **Approximately 10 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 **Used for irrigating garden, approximately one-half acre in size, and the undersigned are the owners.**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **Electric pump with one-inch pipe**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **1931**
8. The depth of water table **Approximately four feet from surface of ground**
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 **Approximately feet deep**
10. The estimated amount of groundwater withdrawn each year **At least 700 gallons per day.**
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.**

Art Waltari
John Waltari
Charles Waltari
Wayne Waltari

Elsie Murphy
Art Waltari individually used as
Signature of Owner *attorney in fact for other owners*
Date **December 18th, 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.

4024

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within instrument was filed in this office on

DEC 30 1958

at 11:27 ^{Date} ~~11:27~~ o'clock 4 M.

J. L. LENNON
County Clerk and Recorder.

By [Signature] Deputy.

File No.

T. 20N R. 5E East

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

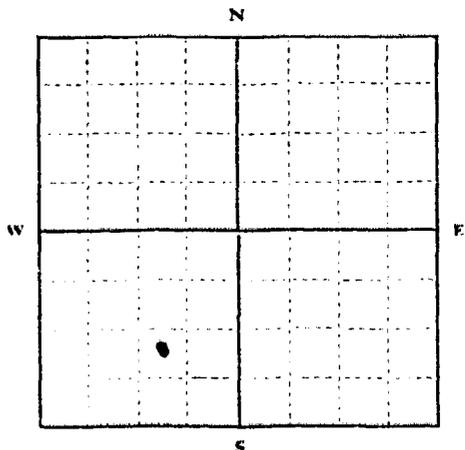
(Under Chapter 237, Montana Session Laws, 1961)

Heena
Art Waltari, ~~Heena~~ Waltari, John Waltari, Charles Waltari,

1. Wayne Waltari and Elsie Murphy, of Great Falls (Town)
(Name of Appropriator) (Address)

County of Cascade State of Montana

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



SE 1/4 SW 1/4 Sec. 3 T. 20N R. 5E

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 house, lawn and trees

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1908 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
5 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
Approximately 1 1/2 acres of lawn and trees, and the undersigned are the owners

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric pump with 1 1/2 inch pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1908 and before

8. The depth of water table
Approximately 4 feet from the top of the surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
The well is approximately 100 feet deep, water withdrawn by electric pump through 1 1/2 inch pipe.

10. The estimated amount of groundwater withdrawn each year
An amount sufficient to irrigate the lawn, trees, house water and incidental uses.

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.

Heena Waltari
John Waltari
Charles Waltari
Wayne Waltari

Signature of Owner *Heena Waltari*

Date **December 18th, 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.

28012

4027

RECEIVED
DEPARTMENT OF THE ARMY
WASHINGTON, D.C. 20315
DATE: DEC 20 1964

11:54 AM

[Signature]

GW2

File No.....

T. 20N R. 5E

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964
ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

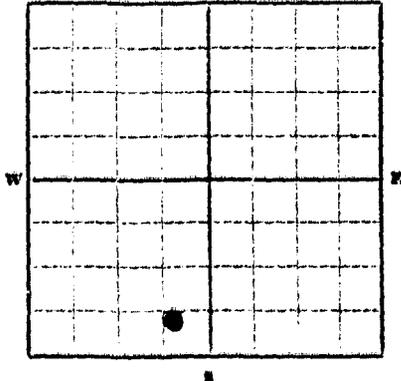
Date of Appropriation of Groundwater 1937
Art Waltari, Hannah Waltari, John Waltari, Charles Waltari, Wayne Waltari and Elsie Great Falls, Montana
Owner Murphy Address

Contractor (if any) None

Address of Contractor: -----

Date Started 1937 Date Completed 1937

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. **Natural flowing spring, cleaned and cribbed, now used for watering cattle.**



SE 1/4 SW 1/4 Sec 3 T20N R 5E

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

Use has been continuous since 1937 for purposes of watering cattle (not over 100 head of cattle)

Hannah Waltari
John Waltari
Charles Waltari
Wayne Waltari

Elsie Murphy
Art Waltari individually and attorney
Signature of Owner in fact for other owners.

Date **December 18th, 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.

28010

4025

STATE OF MONTANA, } ss
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 30 1928

at 11:50 o'clock 4 M.

J. L. LENNON
County Clerk and Recorder.

By [Signature] Deputy.

GW3

File No.

T 20N R 5 East

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 4 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

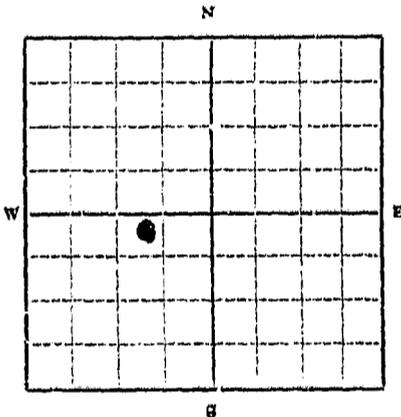
Date of Appropriation of Groundwater 1921
Art Waltari, Hannah Waltari, John Waltari, Charles
Waltari, Wayne Waltari, and Elsie Murphy
Owner Elsie Murphy Address Great Falls, Montana

Contractor (if any) None

Address of Contractor -----

Date Started 1921 Date Completed 1921

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural flowing spring, cleaned and cribbed, now used for watering cattle.



NE 1/4 SW 1/4 Sec. 3 T. 20N R. 5E

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

Use has been continuous since 1921 for purposes of watering cattle (not over 100 head of cattle).

Hannah Waltari
John Waltari
Charles Waltari
Wayne Waltari

Elsie Murphy
Art Waltari individual and attorney

Signature of Owner in fact for other owners

Date: December 18, 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.

2801

4026

STATE OF MONTANA, } ss.
County of Cascade. }

I hereby certify that the within in-
strument was filed in this office on

DEC 30 1968

at 11:51 o'clock 4 M.

J. E. BENTON
County Clerk and Recorder.

By B. J. [Signature]
Deputy.

5496

STATE OF MONTANA, }
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
MAY 30 1973

at 10:20 o'clock A.M.

J. F. LINDSEY
County Clerk and Recorder.

By J. E. Dale
Deputy.

File No.

T 20 N R 5 E

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

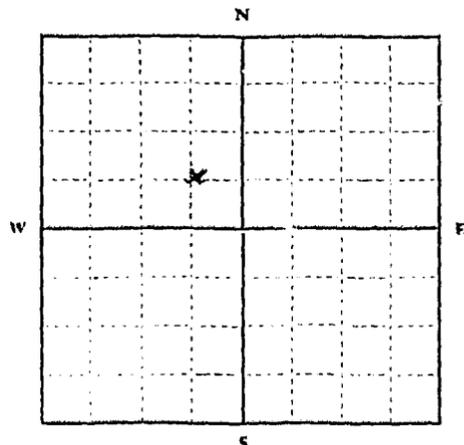
RECEIVED
DEC 20 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, John D. Larson, of 3220 4th Ave. South Great Falls
(Name of Appropriator) (Address) (Town)

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



N.W. 1/4 Sec. 10, T.20N R.5 E

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 water for household use and livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been drilled in 1950 used continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal turbine pump submerged on 120 ft. of 2 in. pipe located 25 ft. N. of dwelling house
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater the summer of 1950, exact dates unavailable, about 2 weeks required. Well drilled by Rod Rafferty of Gt. Falls
8. The depth of water table well drilled through shallow table at 20 ft. cased and drilled to 290 ft. water level stays 90 ft. from surface.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well, 290 feet deep, cased with 6 in. casing.
10. The estimated amount of groundwater withdrawn each year 150,000 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 well is located in Box Elder creek valley wells drilled above me have similar characteristics. All are about 300 feet deep.

Signature of Owner John D. Larson
Date Dec. 17, 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.

10575

3603

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 18 1933

at 1:50 o'clock P. M.

J. I. LENNON
County Clerk and Recorder.

By McNichol
Deputy.

File No.

T. 20 N. R. 5 E.

DUPLICATE

County Cascade

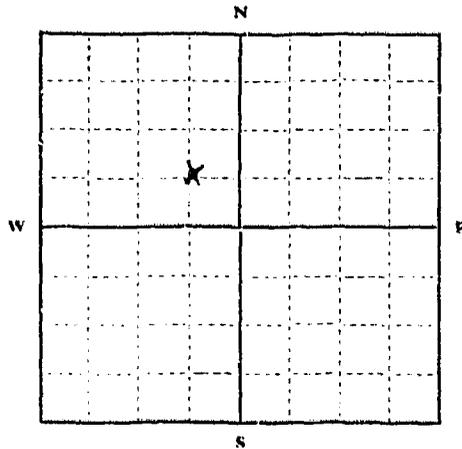
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
DEC 28 1963
STATE ENGINEER

1. John D. Larson, of 3220 4th Ave. So., Gt. Falls
(Name of Appropriator) (Address) (Town)

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



NW 1/4 Sec 10 T20N R5 E

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 **watering lawns and household use**
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been **dug about 1960, used continuously since**
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) **5 gal. per minute**
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof **not used for irrigation**
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **electric suction type pump with pressure tank, located 100 feet east of dwelling house**
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **dug about 1960**
- 8. The depth of water table **about 20 feet**
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **dug well, 22 feet deep, 4 feet in diameter, cased with shale rock**
- 10. The estimated amount of groundwater withdrawn each year **50,000 gallons**
- 11. The log of formations encountered in the drilling of each well if available **20 feet of gumbo, 2 feet of blue clay, 6 inches of sand and gravel**
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record **well is located in Box Elder creek valley said creek is intermittent stream. Well dried up in 50s, but has not dried up since. Water table rises a few feet when creek is running.**

Signature of Owner *John D. Larson*
Date **Dec. 17, 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.

10017

3605

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on

DEC 18 1953

Date

at 1:52 o'clock P.M.

J. L. DENNON

County Clerk and Recorder.

By A. O. Nichols
Deputy.

File No.

T. ... R.

DUPLICATE

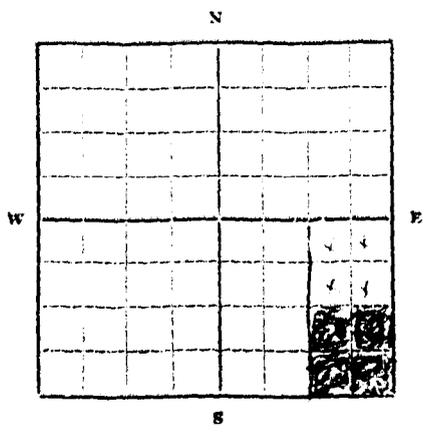
County.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. *James Muelke Sr* of *1724 5th St. Great Falls Mont*
(Name of Appropriator) (Address) (Town)
County of *Cascade* State of *Montana*
have appropriated groundwater according to the Montana Laws in effect prior to January 1, 1962, as follows:



1/4 Sec 22 T20 R6E
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 *cattle & future irrigation*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been *Nov 1 - 1961 Well start in early spring*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) *5,000 gpm Artesian Well*
- 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 *Future irrigation 40 acres James Muelke Sr*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *Pump One*

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *June 2 commencement & complete in June 15-61*
- 8. The depth of water table *80'*
- 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 casing 80' including 100 feet of pipe line to house person*
- 10. The estimated amount of groundwater withdrawn each year *Not yet known on 1st! Will be in the millions further survey.*
- 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 *James Muelke Sr*
Date *7/12/62*

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.

Mass. # 3027

STATE OF MASSACHUSETTS,
County of [unclear]

Subscribed and sworn to before me within in-
dicated jurisdiction in this office on

FEB 14 1962

at 11:35 o'clock AM

J. L. LANNON
County Registrar

By Bevis
Deputy.

File No.

T. 20 N. R. 5 E.

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964

STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Used for over 40 years;
cleaned out in 1958 and water piped with a 2 inch pipe.

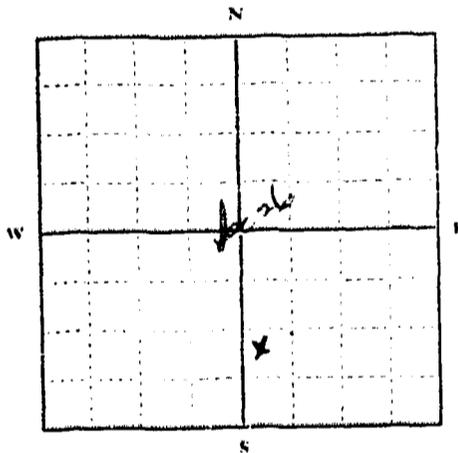
Owner WALTER MEHNKE, MARGUERITE MEHNKE,
CARL MEHNKE & MARTHA E. MEHNKE Address P. O. Box 2083, Great Falls,
Mont.

Contractor (if any) None

Address of Contractor

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

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



SW 1/4..... Sec. 26... T. 20 N. R. 5 E.

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 255 10 gallons
per minute.

WALTER MEHNKE, MARGUERITE MEHNKE,
CARL MEHNKE and MARTHA E. MEHNKE

Signature of Owner. By Walter Mehnke
One of the Owners.

Date December 27, 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.

4160
STATE OF MONTANA
County of Cascade

I hereby certify that the
instrument was filed in the

DEC 30 1963

2157

P

J. Lennon