

4831

STATE OF MONTANA, } ss.
County of Cascade.

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

MAR 18 1985

Date

at 11:05 o'clock 9 M.

J. L. LENNON

County Clerk and Recorder

By

[Signature]

Deputy.

File No.

T. 21 R. 1 E

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

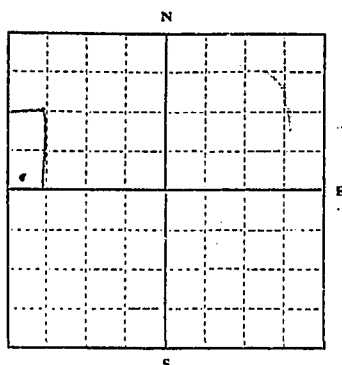
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 20 1963

STATE ENGINEER

1. Verle Ewing, of Vaughn,
(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. 1/2 SW 1/4 NW 1/4 Sec. 28 T. 21 R. 1 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 for watering live-stock and house-hold use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been To the best of my knowledge well was drilled in 1944. It has been in continuous use since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 22 to 25 gallons per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal withdrawn by electric pump on pressure system

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater To the best of my knowledge the well was drilled in 1944.

8. The depth of water table Water comes to within 6 ft. of the top of 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 Drilled well, 6 inch casing, approximately 90 ft. deep

10. The estimated amount of groundwater withdrawn each year 150,000 gallons per yr.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record I purchased the land on which well is located in 1951. I do not know if there is a record.

Signature of Owner

Verle Ewing

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 Quaduplicate for the Appropriator.

10683

3611
STATE OF MONTANA, } ss.
County of Cascade.

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

DEC 19 1963

Date

at 11:05 o'clock a M.

J. L. LENNON

County Clerk and Recorder.

By

J. L. Lennon
Deputy

County Cascade 2/8

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL MAY 17 1971

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 Joe Lloyd Johnston

Address Vaughn, Mont.

Date well started 4-2-1971

completed 4-6-1971

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 ☒

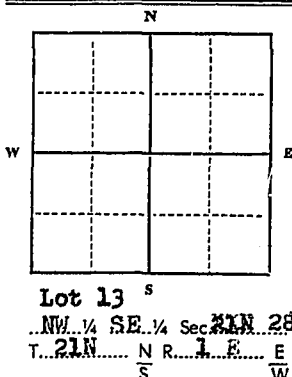
***Describe**

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)
6-5/8"	6-5/8" 20 _{if}	0	90	Not perforated		



Static water level9.....ft.*
Pumping water level20.....ft.*
at20.....gallons per minute,
measuredminutes after pumping
began.

*Measured from ground level.
Well developed by Bailer

forhours.

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

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

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

Driller's Signature _____

Driller's Address

LICENSE NO 135

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)

[illegible]

94

Show exact depth of bottom

48484

5281

STATE OF MONTANA, } ss.
County of Cascade.

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

MAY 10 1971

Date

at 2:00 o'clock P M

J. L. LENNON

County Clerk and Recorder.

By

[Signature]
Deputy.

File No.

T. 21 N. R. 1 E.

DUPLICATE

County 635524

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER APR 7 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

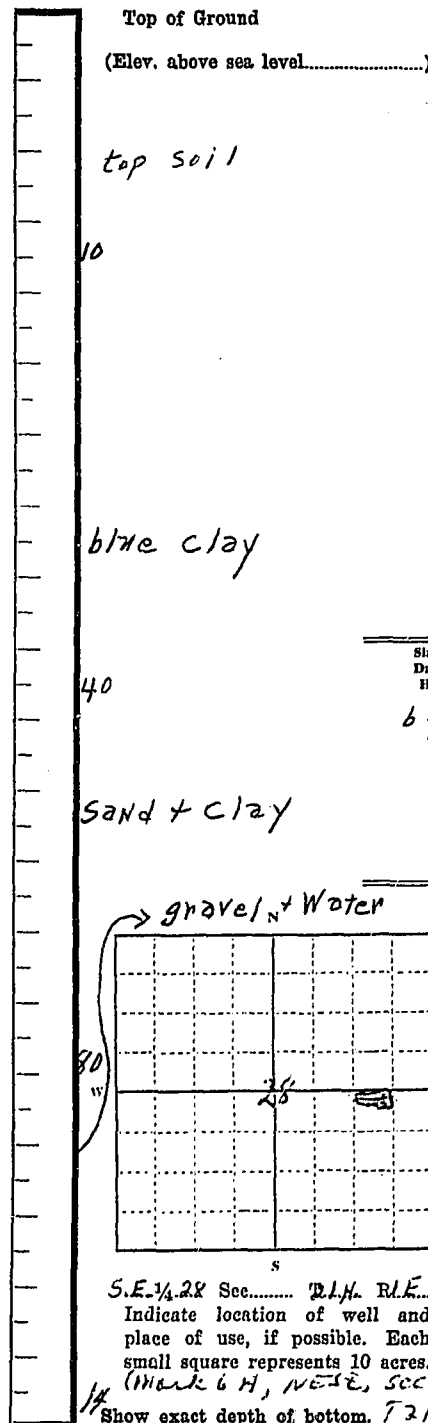
Owner Roberts, Lynes, Sr. Address 444 Vaughn, MONTDriller Whitaker Well Drilling Address AUGUSTA, MONT

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

Date well started April 10 Date Completed April 16, 1962Type of well drilled Equipment Used drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) 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 5/8"	6"	0	90			



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

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

Pumping Water Level 30 feet at 12 gal. per minute.

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

How Tested bailer Length of Test 2 hrs.

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

Driller's License Number

Driller's Signature

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

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

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

35552

STATE OF MONTANA, } ss.
County of Cascade.

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

MAR 30 1964

Date

at 11:07 o'clock a M.

J. L. LENNON

County Clerk and Recorder.

By


J. L. Lennon

File No.

STATE WATER CONSERVATION BOARD
JUL 20 1966

T. 21N R. 1 East

DUPLICATE

County Cascade

By: _____
Edgerlin _____
Coyne _____
Dallington _____
Dickert _____
McDermott _____
McNulty _____
Morton _____
Sullivan _____STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground (Elev. above sea level) _____

Notice of Completion of Groundwater
Appropriation by Means of Well

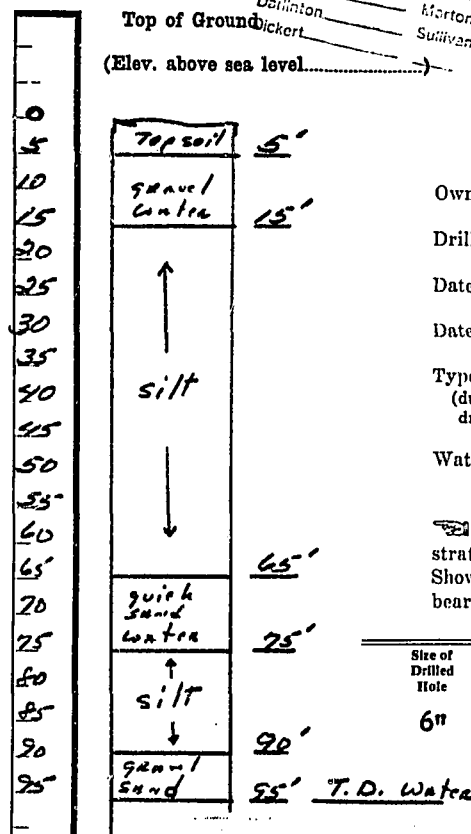
(Under Chapter 237, Montana Session Laws, 1961)

Owner Milton I. Mann Address Vaughn, MontanaDriller Pat Byrne Address Great Falls, Mont.

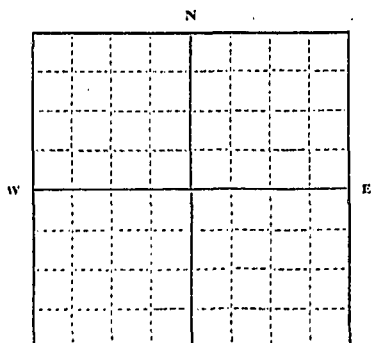
Date of Notice of Appropriation of Groundwater _____

Date well started July 25, 1966 Date Completed July 26, 1966Type of well Drilled Equipment Used Churn drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6-5/8" OD	0'	95'	NOT PERFORATED		



NW 1/4 Sec. 28 T. 21N R. 1E

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 10 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 20 feet at 80 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer Length of Test 3 hours

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) _____

135
Driller's License NumberPat Byrne
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.

41253

4976

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
JUL 28 1966

Date

at 2:25 o'clock P.M.

J. L. LENNON

County Clerk and Recorder.

By [Signature]
Deputy.

File No.

DUPLICATE

T. 21 R. 1 E

County Cascade

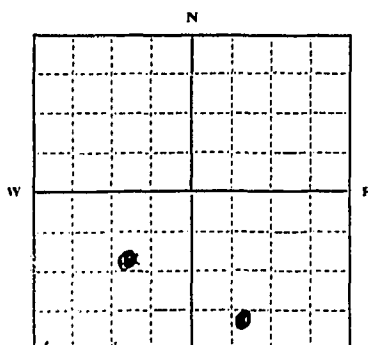
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R
JAN 9 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Milton I Mann, of Box 77 Vaughn
(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:



W 1/2 E 1/2 NW 28 21 E

W 1/2 E 1/2 SE 28 21 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 Domestic use and livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1927 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 House yard and garden 2 acres
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 3 No. 8 Iron pipe and 2 No. 8 Iron pipe measuring 10 inch deep well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater one in 1927 one 1963
8. The depth of water table 10 feet Depth of well 95 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 in casing 95 feet Deep water 95 feet up in casing
10. The estimated amount of groundwater withdrawn each year 109500 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 Milton I MannDate 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.

28518

4531

DEC 31 1963

RECORDED
TIME 2:38 P.
DOCUMENT NO. _____

J. L. LENNON
CLERK AND RECORDER
CASCADE COUNTY, MONTANA

BY *[Signature]*
DEPUTY

File No.

T 21N R1 East 28

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)

Lester G. and/or

Owner Verna Oakland Address Vaughn, Mont.

Driller Pat Byrne Address St. Falls, Mont.

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

Date well started 7-5-1962 Date completed 7-8-1962

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.

Site of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Else	From (Feet)	To (Feet)
6-5/8"	6-5/8" OD	0	37	Not perforated		

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

Top soil 5'

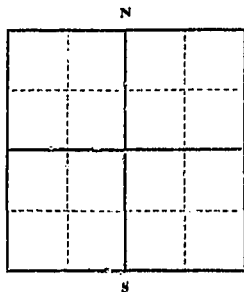
Sand gravel 18'

silt

gravel

54
F.T.O. water

Doc. No.
Filed for record
this 18 day of September
A. D. 19 70, at 12:10
o'clock P.M.



NE 1/4 Sec. 28, T21N R. 1E
Indicate location of well and
place of use, if possible. Each
small square represents 40
acres.

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

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

Pumping Water Level..... 13 feet
at..... 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Dialer

Length of Test 2 hours

Remarks: (Gravel packing, cementing, pack-
ers, type of shutoff).....

Doc. No. 5244
Filed for record
this 18 day of September
A. D. 19 70, at 12:10
o'clock P.M.

(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 Addi-
tion).

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.

135
Driller's License Number

Driller's Signature

47530

5244

STATE OF MONTANA,
County of Cascade,
I hereby certify that the within in-
strument was filed in this office on
SEP 18 1970
at _____ o'clock
J. E. EMMING
County Clerk and Recorder
Deputy
[Signature]

File No.

T. 21 R. 1 E

DUPLICATE

County

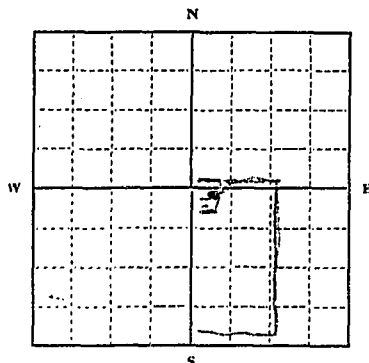
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harry S. Olsen, of Box 34 Vaughan
(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:



W 1/2 SE 1/4 Sec. 28 T. 21 R. 1 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 Domestic
Caution, Garden & Household Use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Spring of 1942
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1670 Gals. Per Hour
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
4 acres at N.W. Corner of Plot
Harry S. Olsen
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
1 1/2" Deep Well Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Spring 1942
8. The depth of water table. Steel casing 106 ft. Deep
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" steel casing, 106 ft. deep
10. The estimated amount of groundwater withdrawn each year. Who knows, We use Enough
11. The log of formations encountered in the drilling of each well if available. Sandy loam, gravel
Crack sand to 12 ft. Cap Rock 14 ft. Water at raised to within 4 ft of top of 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.
None

Signature of Owner Harry S. OlsenDate Dec 27, 1963

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

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

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

3909

STATE OF MONTANA, } ss.
County of Cascade.

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

DEC 30 1968
at 8:05 o'clock A. M.

J. L. LENNON
County Clerk and Recorder.

By A. Klein
Deputy.

File No.

T. 21 R. 1E

DUPLICATE

County

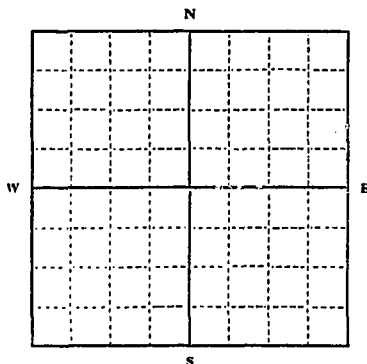
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Norm + Anna Robinson, of 3 miles west Naughton
(Name of Appropriator) (Address) (Town)
County of Cassia State of Mont.
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 House
Gard & Garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Jan. 1947 Continuous
for House, Hotel, Gard and garden

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
24 acres in E. 1/4 Sec. 28, T. 21, R. 1E, S. 2
27 acres in E. 1/4 Sec. 27, T. 21, R. 1E, S. 2
State of Montana
owner Norm + Anna Robinson

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 This well was drilled in 1946. Completed in 1947
This water in Jan 1947

8. The depth of water table 96 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 54 inch casing
76 ft deep

10. The estimated amount of groundwater withdrawn each year About 10,000 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 Norm Robinson

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.

4030

STATE OF MONTANA, } ss.
County of Cascade.

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

DEC 30 1953

Date

at 11:55 o'clock a M

J. L. LENNON

County Clerk and Recorder.

By

J. L. Lennon

Deputy.

MONTANA WATER RESOURCES BOARD
Groundwater Division
Mitchell Building
Helena, Montana 59601

MONTANA WATER RESOURCES BOARD
RECEIVED

AUG 4 1969

Recently a copy of a groundwater appropriation form, _____

- ☐ GW 1, Notice of Appropriation of Groundwater
- ☒ GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- ☐ GW 3, Notice of Completion of Groundwater Appropriation without Well
- ☐ GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Edgar L. Smith

Address Vaughn, Montana

Document No. 5177

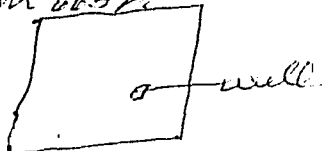
☐ The form is complete as filed. This is to inform you your GW form has been received and no further action is necessary on your part.

☒ The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate location of well, by township, range and section, or subdivision or tract, on plat and where specified.

a tract of land NW 1/4 of the SE 1/4 Sec 28 T 21 N R 1 E MPM described as follows: Beginning at a point which lies S 74° 05' W 1393.3 feet N 88° 47' W 348.7 feet from the East 1/4 corner of Aired section 28. T. 21 N. R. 1 E, MPM continuing thence N 88° 29' W 173.0 feet thence N 0° 47' W 26.0 feet to the S. right of way line of a state highway, thence S. 88° 29' E 173.0 feet along said right of way line; thence S. 0° 47' E 26.0 feet to the point of beginning and containing an area of 0.75 acres. See surveys filed with deed on roll 49 document 6652.

County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.



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.

135
Driller's License Number

Driller's Signature

Pat Lym
15444

T. 21N R. 1E 28

County CascadeMONTANA WATER RESOURCES BOARD
RECEIVED

JUL 22 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

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

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

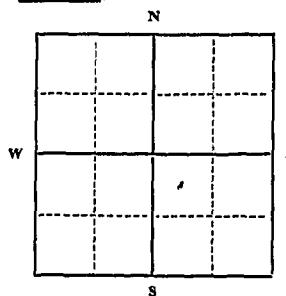
Owner Edgar L. Smith Address Vaughn, Mont.Driller Patrick J. Byrne Address Great Falls, Mont.

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

Date well started Mar 27, 1968 Date completed Apr 2, 1968Type 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)
7"	7" 17#	0	93	Not perforated		



NW SE 1/4 Sec 28 T. 21N R. 1E

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 14 feet.

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

Pumping Water Level 40 feetat 20 gal. per minute.

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

How Tested BailerLength of Test 1 Hour

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.

135
Driller's License Number

Driller's Signature

5177

STATE OF MONTANA, } ss.
County of Cascade.

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

JUL-17-1969

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

J. L. LENNON
County Clerk and Recorder.

By [Signature] Deputy.

Top of ground
(Mark above for location)

STATE OF MONTANA
DEPARTMENT OF AGRICULTURE
DIVISION OF WATER CONSERVATION

STATE OF MONTANA
DEPARTMENT OF AGRICULTURE
DIVISION OF WATER CONSERVATION

STATE OF MONTANA
DEPARTMENT OF AGRICULTURE
DIVISION OF WATER CONSERVATION

(Under Chapter 257 Montana Session Laws, 1901, as amended)

Silt
gravel
concrete

Owner: W. H. Smith Address: W. H. Smith

Driller: Robert C. Smith Address: Robert C. Smith

Date of Notice of appropriation of groundwater: _____

Date well started: 1927 Date completed: 1928

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

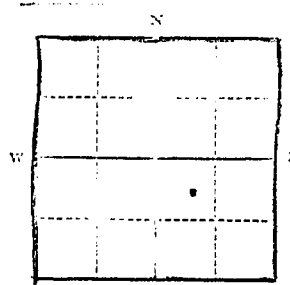
Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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 Bored Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERM. STRATA		
				Kind Size	From (Feet)	To (Feet)
7"	4" 27'	0	95	Not perforated		

Silt
gravel

94' T.O. = 94'



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level: 1.5 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) _____

14 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.: For, Road and Addition).

Show exact depth of bottom.

This form is to be filled out by the driller and the owner. It is to be filled out by the driller.

This form is to be filled out by the driller and the owner. It is to be filled out by the driller.

193
Driller's License Number

Driller's Signature

File No. _____
DUPLICATET. _____
County CascadeMONTANA WATER RESOURCES BOARD
REGISTEREDSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground _____

(Elev. above sea level _____)

Date of Completion of Groundwater
Development by Means of Well
DEVELOPED AFTER JANUARY 1, 1902

(Under Chapter 237 Montana Session Laws, 1901, as amended)

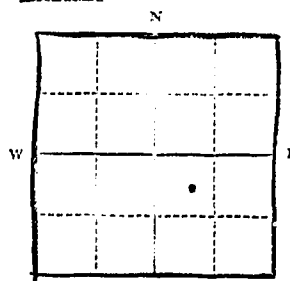
Owner Walter L. Smith Address Van Horn, Mont.Driller Patrick J. Byrne Address Great Falls, Mont.

Date of Notice of appropriation of groundwater _____

Date well started Mar 27, 1938 Date completed Apr 2, 1938Type of well Drilled Equipment used Steam drill
(Dug, driven, bored or drilled) (Carn 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)
7"	7" 17#	0	93	Not perforated		



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 4.0 feet
at 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested FlowingLength of Test 1 hour

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

M. _____ 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).

Show exact depth of bottom.

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

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

135
Driller's License NumberDriller's Signature Patrick J. Byrne

File No. STATE WATER CONSERVATION BOARD

T. 21N R. 1E East 28

DUPLICATE

JUL 21 1966

County Cascade

Bill _____ State of Montana
 Butcher _____ ADMINISTRATOR OF GROUNDWATER CODE
 Coyne _____ OFFICE OF STATE ENGINEER
 Darrington _____

Top of Ground

(Elev. above sea level _____)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

John G. and/or

Owner Mavis L. Woodahl

Address Vaughn, Montana

2112-7th Ave S.

Driller Pat Byrne

Address Great Falls, Mont.

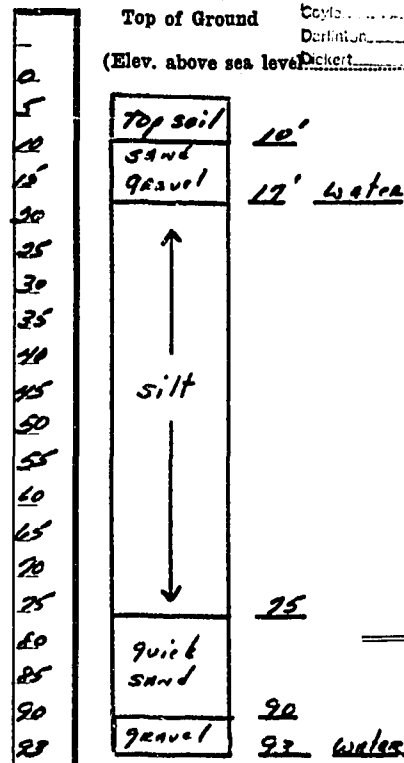
Date of Notice of Appropriation of Groundwater _____

Date well started July 8, 1966 Date Completed July 9, 1966

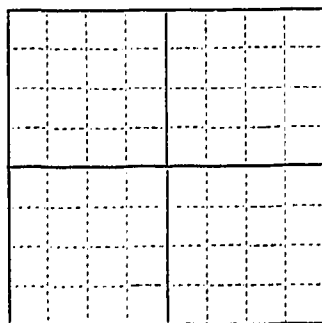
Type of well Drilled
(dig, driven, bored or drilled)Equipment Used Churn drill
(Churn, drill, rotary or other)

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)
7"	7" 17# Seamless	10'	93'	NOT PERFORATED		



NW 1/4 SE. Sec. 28. T21N R1E.
 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 7 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 80 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailor Length of Test 4 hours

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) _____

135
 Driller's License Number

Driller's Signature

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

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

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

4974-

STATE OF MONTANA, } ss.
County of Cascade.

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

JUL 20 1966

Date

at 1:45 o'clock P M

J. L. LERNON

County Clerk and Recorder.

By

Dep

49,882

5338

STATE OF MONTANA, } ss.
County of Cascade.

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

FEB 4 1972

Date

at 9:45 o'clock PM

J. L. LENNON

County Clerk and Recorder.

By

[Signature]

Deputy

File No.

T. 21N. R. 1 East

DUPLICATE

County... Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 19 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner... E. R. Braden Address... Vaughn, Montana
2112-7th. Ave. So.
Driller... Patrick J. Byrne Address... Great Falls, Mont.

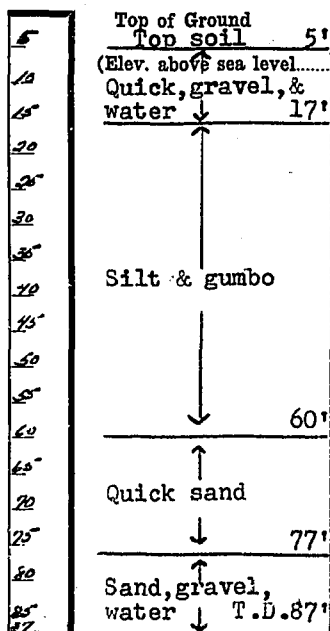
Date of Notice of Appropriation of Groundwater... June 6, 1963

Date well started... June 3, 1963 Date Completed... June 6, 1963

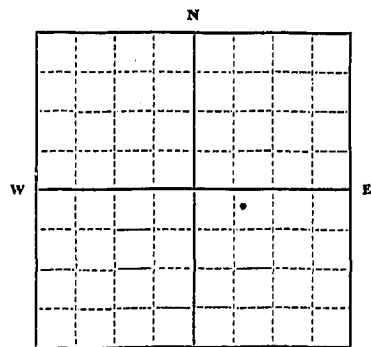
Type of well... Drilled Equipment Used... Churn drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

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)
7"	7" OD 17# j-55 Spang seamless	0'	87'	(No perforations)		



NW 1/4 of SE 1/4 S 29 T21N R1E
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 1/2' below GL... feet.

Shut-in Pressure for Flowing Well... (not applicable) ...

Pumping Water Level... 4.5' feet at 85 gal. per minute.

Discharge in gal. per min. of flowing well... (not applicable) ...

How Tested... Bailer Length of Test... 1 hour

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) ...

135
Driller's License Number

Driller's Signature

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

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

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

3319

STATE OF MONTANA, } ss.
County of Cascade.

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

JUN 13 1963

Date

at 4:31 o'clock P.M.

J. L. LENNON

County Clerk and Recorder.

By

J. L. Lennon
Deputy.

File No.

T. 21N R. 1 East

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater
Appropriation by Means of Well**
(Under Chapter 237, Montana Session Laws, 1961)

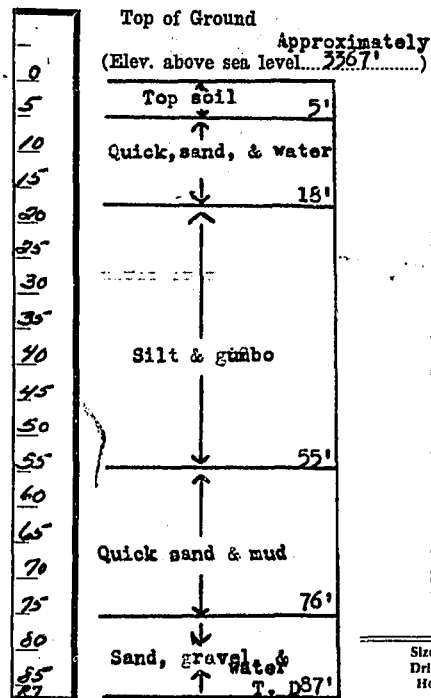
Owner E. R. Braden Address Vaughn, Montana
2112 - 7th Ave South
Driller Patrick J. Byrne Address Great Falls, Montana

Date of Notice of Appropriation of Groundwater June 10, 1963Date well started June 8, 1963 Date Completed June 10, 1963

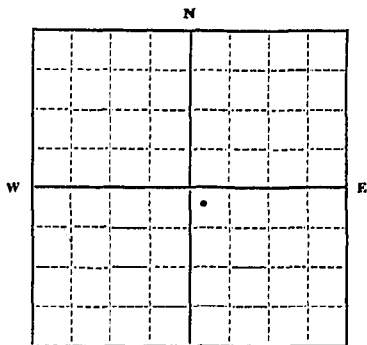
Type of well Drilled Equipment Used Churn drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

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)
7"	7" OD 17 J-55 Spang Seamless	0'	87'	(No perforations)		



NW 1/4 of SE 1/4
Sec. 22, T. 21N R. 1E
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 10' below GL feet.Shut-in Pressure for Flowing Well (not applicable)Pumping Water Level 50 feet at 65 gal. per minute.Discharge in gal. per min. of flowing well (not applicable)How Tested Bailer Length of Test 1 hour

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)

135

Driller's License Number

Driller's Signature

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

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

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

4661.

3320

STATE OF MONTANA, } ss.
County of Cascade.

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

JUN 13 1963

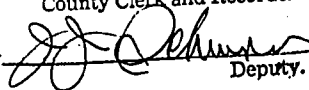
Date

at 4:30 o'clock P.M.

J. L. LENNON

County Clerk and Recorder.

By



Deputy.

File No.....

DUPLICATE

T. 21N R. 1E E 929

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

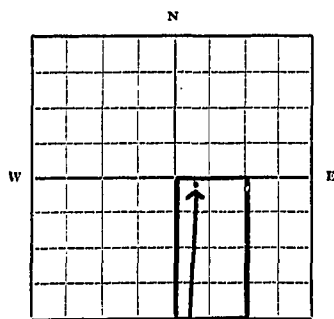
RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Edward R. Braden, of Vaughn,
(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:



W 1/2 of SE 1/4 of Sec. 29 T. 21N R. 1E

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 and livestock water, domestic and household use, lawn, shrubbery, trees, and garden irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been August, 1944 - Used continuously since August, 1944.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 26 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 Lawn, shrubbery, trees, and garden irrigation. Approximately 3 acres. NW 1/4 of NE 1/4 of SE 1/4 of Sec. 29, Twp. 21N, Range 1E

Owner: Edward R. Braden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump
Location: In NW 1/4 of the NW 1/4 of the SE 1/4 of Sec. 29, Twp. 21N, Range 1E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater (Approximately 23 days) August, 1944.

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

Type of Well: Drilled

Depth: 81'

5" casing

(water in well comes up to 5 1/2 feet of the surface of the ground)

10. The estimated amount of groundwater withdrawn each year 949,000 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

(None available.)

Signature of Owner Edward R. Braden

Date August 21, 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

30 68

#3170

STATE OF MONTANA, } ss.
County of Cascade.

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

SEP 4 - 1962

Date

at 9:01 o'clock A.M.

J. L. LENNON

County Clerk and Recorder.

By


Deputy.



File No.

T. 21 N. R. 1 E

DUPLICATE

County Cascade

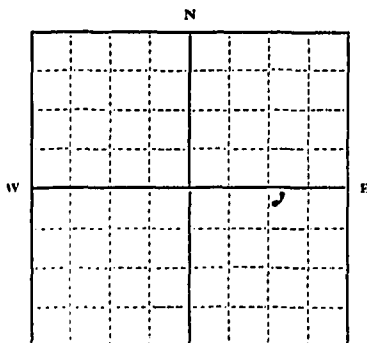
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1963)

1. Lloyd L. and Elizabeth Free of Vaughn
(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. 29 T. 21 N. R. 1 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 Domestic and Household Use (Water Lawn, Shrubs, Garden)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been MAY 31, 1963
Used continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 36 Gallons per minute

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

(Not Applicable)

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

ELECTRIC PUMP
LOCATION: LOT 5, BLOCK 1, Braden Tracts
NW 1/4 Sec 29, T. 21 N., R. 1 E

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

Date Started: May 29, 1963. Completed May 31, 1963

8. The depth of water table Water Level: 8 Feet From Top

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

Type of Well: Drilled
Casing: 5-inch
Depth of 88 Feet

10. The estimated amount of groundwater withdrawn each year APPROX. 1,000,000

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

0 to 2' Logm: 2 to 10' silt, 10 to 25' sand & silt - seep,
25 to 60' silt, 60 to 78' quick sand, 78 to 88' coarse sand
and Gravel - Water

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

(None Available)

Signature of Owner Lloyd L. Free
Elizabeth Free

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.

28320

4329²

4329

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

I hereby certify that the within in-
strument was filed in this office on
DEC 31 1968

Date
at 11:08 o'clock AM.

J. L. LENNON
County Clerk and Recorder.

By
Deputy.

File No.

T. 21N R. 1E

DUPLICATE

County. Cascade

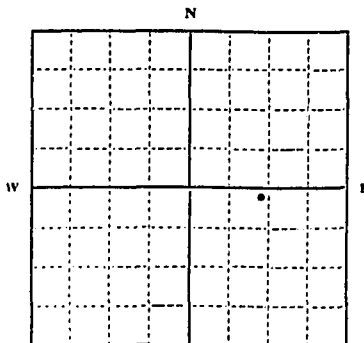
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Walter S. Roberson, of Vaughn
(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:



NW 1/4 of SE 1/4
1/4 Sec. 29 T. 21N R. 1E

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 Household Use (Watering Lawn, Shrubs, Garden)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 2, 1960 - Used continuously since July 2, 1960.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 36 gallons per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric Pump
Location: Lot 2, Block 2, of Braden Tracts, in NW 1/4 of Sec. 29, Twp. 21N, Rge. 1E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Date Started: June 30, 1960. Date Completed: July 2, 1960.

8. The depth of water table. Water Level: 10 feet from top.

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
Type of well: Drilled
Casing: 5-inch
Depth of Well: 88 feet

10. The estimated amount of groundwater withdrawn each year. Approximately 1,000,000 gallons.

11. The log of formations encountered in the drilling of each well if available
0 to 2' Loam; 2 to 10' Silt; 10 to 25' Sandy Silt - Seep; 25 to 60' Silt;
60 to 75' Quick Sand; 75 to 88' Coarse Sand and Gravel - Water.

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

Signature of Owner Walter S. Roberson

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.

48028

4043

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

DEC 16 1905

AT 1216 P
AND DULY RECORDED AS FOLLOWS

NO. _____

J. L. LENNON
CLERK AND RECORDER

BY J. L. Lennon
DEPUTY

File No.

T. 21 R. 1E

DUPLICATE

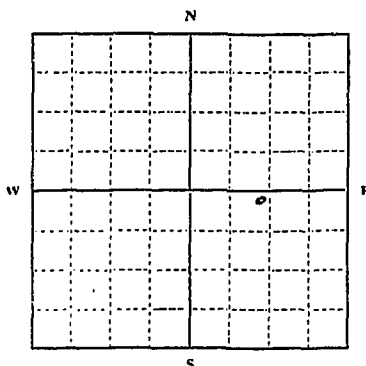
County

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)

1. Furvis Bros. Alex or Scott, of Vaughn
(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:



NW 1/4 Sec. 29 T. 21 R. 1E

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
Irrigation Commercial

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May, 1932

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gals. p. m.

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
Garden and lawn.

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 May 1, 1932--May 30, 1932

8. The depth of water table 14 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 8" casing 87 feet deep.

10. The estimated amount of groundwater withdrawn each year 1,500,000

11. The log of formations encountered in the drilling of each well if available top soil-gravel
sand, clay, gravel, clay, gravel, clay, shale, sand, 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
No record.

Signature of Owner

Furvis Bros
Alex Furvis
Date 12-21-63

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.

28244

4252

CLERK AND RECORDER
CASCADE COUNTY, MONTANA

I HEREBY CERTIFY THAT THE WITHIN
INSTRUMENT WAS FILED FOR RECORD
IN THIS OFFICE ON

DEC 31 1953

AT 9:56 A.M.
AND DULY RECORDED AS DOCUMENT

NO. _____

J. L. LENNON
CLERK AND RECORDER

BY

H.C. Nichols
DEPUTY

File No.

T. 21 R. 1E

DUPLICATE

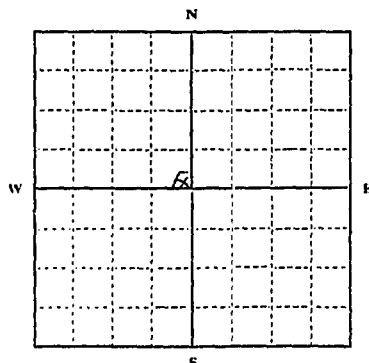
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964

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

1. Carrie D. Messel, of Vaughn
(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:



17. N. 1/4 Sec. 29, T21N R. 1E

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 - ing, household use, garden irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been: About August 1947. Used continuously.
4. The amount of groundwater claimed (in miner's inches or gallons per minute): About fifteen 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: Just garden irrigation in section indicated in the map, less than one acre.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pump. One well.

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: About ninety 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: Driven well, ninety feet

10. The estimated amount of groundwater withdrawn each year: Up to 60,000 gallons

11. The log of formations encountered in the drilling of each well if available: Three feet of surface dirt, ten feet hard gravel, as far as known clay from there down.

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: Carrie D. Messel

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.

27938

3953

STATE OF MONTANA, } ss.
County of Cascade.
I hereby certify that the within in-
strument was filed in this office on
DEC 30 1863
at 10 10 5 o'clock A M.
J. L. LENNON
County Clerk and Recorder.
By Dea
Deputy.

File No.

JUN 20 1966

T. 21 N. R. 1 E. 30

DUPLICATE

Bill _____ McDermott _____
 Butcher _____ McNulty _____
 Coyle _____ Morton _____
 Darlinton _____ Sullivan _____
 Dickert _____

County Cascade

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Mary E. McGregor Address 1809-4th Ave. N. Great Falls, Mont.
2112-7th Ave. S. Great Falls, Mont.
 Driller Patrick J. Byrne

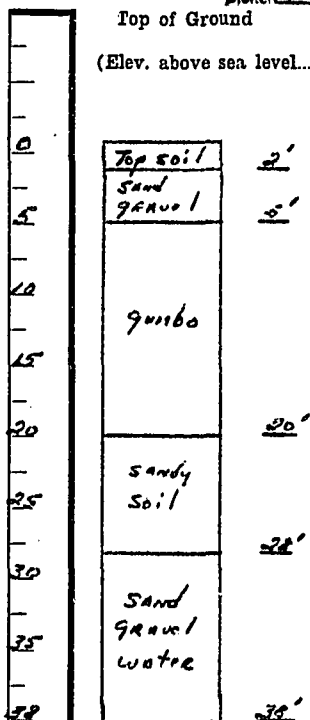
Date of Notice of Appropriation of Groundwater

Date well started May 10, 1966 Date Completed May 12, 1966

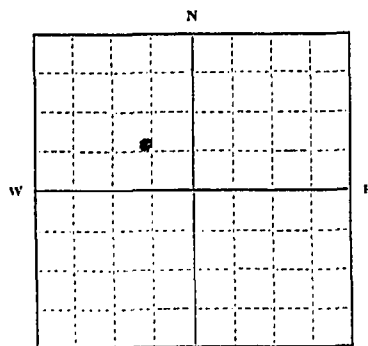
Type of well Drilled Equipment Used Churn drill
 (dug, driven, bored or (Churn, drill, rotary or
 drilled) other)

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)
6-5/8"	6"	0'	38'	NOT PERFORATED		



SE 1/4 NW 1/4 Sec. 30. T. 21. R. 1 E.
 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 27 below C.L. feet.

Shut-in Pressure for Flowing Well

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

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 4 Hours

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)

Mary E. McGregor
 formerly Mary E. Rice

135
 Driller's License Number

Patrick J. Byrne
 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.

41149

4968

STATE OF MONTANA, } ss.
County of Cascade.

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

JUN 17 1966

at 808^{Date} o'clock 9 A.M.

J. L. LENNON

County Clerk and Recorder.

By

J. J. Schmitt
Deputy.

GW 2

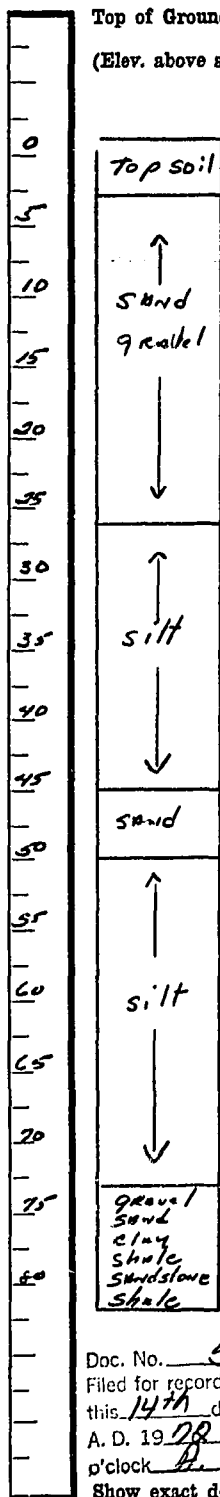
File No.

DUPLICATE

LOG

Top of Ground

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

3'27 water455073 water82'

RECEIVED

DEC 18 1972

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATIONSTATE 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)

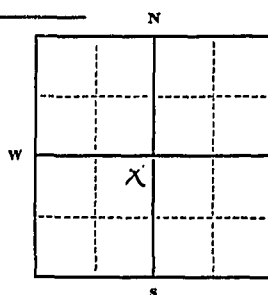
Owner Zeller Ranch Co. Address Vaughn, Mont.Driller Pat Byrne Address Gt. Falls, Mont.

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

Date well started 3-24-69 Date completed 3-28-1969Type 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)
6-5/8"	6-5/8" OD	0	81	Not perforated		

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

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

Pumping Water Level..... 80 feet
at..... 10 gnl. per minute.

Discharge in gal. per min. of flowing well

How Tested..... BailerLength of Test..... 3 hours

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

1/4 Sec 30 T 21N R 1E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Doc. No. 5442
Filed for record
this 14th day of December
A. D. 19 72, at 11:25
o'clock PM.
Show exact depth of bottom.

(Continue on reverse side)

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

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

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

135

Driller's License Number

Driller's Signature

52,034

5442

STATE OF MONTANA, }
County of Cascade.

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

DEC 14 1972

Date

11:25 o'clock PM

T. F. LEMMON

County Clerk and Recorder

J. S. Wilson
[Signature]

11	12	1	2	3	4	5	6	7	8	9	10	11	12
11	12	1	2	3	4	5	6	7	8	9	10	11	12

11 12 1 2 3 4 5 6 7 8 9 10 11 12

File No.

DUPLICATE

RECEIVED
DEC 4 1964County CascadeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

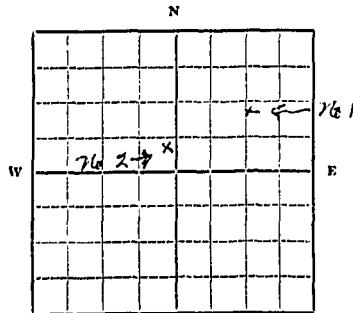
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 20 1963

STATE ENGINEER

1. John & Presley Zeller, of Vaughn
 (Name of Appropriator) (Address)
 County of Cascade State of Montana (Town)
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



T. 45 E. S. 4
Sec 30 T. 21 R. 1 E. No. 2
N. 36.5 E. 4 Sec 30 T. 21 R. 1 E. No. 1

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 Home Lawn
stock watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
No. 1 - 1932 Continuous
No. 2 - 1938 About 6 Mo
4. The amount of groundwater claimed (in miner's inches or gallons per minute) No. 1 & No. 2 - 25 gal a minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof garden & lawn No. of an acre estimate
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 No. 1 - 1932 - No. 2 - 1942
8. The depth of water table No. 1 - 60 ft No. 2 - 55 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 - 76 ft No. 2 - 57 ft
10. The estimated amount of groundwater withdrawn each year No. 1 - 365,000 gal
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 John ZellerDate Dec 21 - 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.

10687

#3595

STATE OF MONTANA, } ss:
County of Cascade.

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

DEC 18 1902

at 10:45 ^{Date} o'clock 9 M.

J. L. LENNON

County Clerk and Recorder.

By B. Beebe
Deputy.

RECEIVED

30

File No.

T. 21N R. 1 E

DUPLICATE

DEC 18 1972

County Cascade

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

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner John and/or Presley Address Vaughn, Mont.Driller Zeller Address St. Falls, Mont.

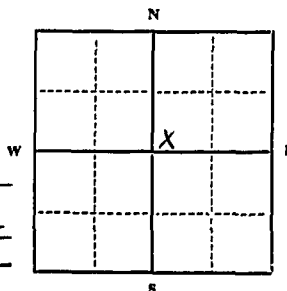
Date of Notice of appropriation of groundwater.....

Date well started 9-13-1968 Date completed 9-16-1968Type 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.

0	Top 50.1'	3'
10	sand	
20	clay	12'
30	gravel	24' water
40	silt	
50	sand	45'
60	silt	48' water
70	sand	50'
80	sandy silt	60' water
90	sand gravel	50'
		57' water T.D.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6-5/8"	6-5/8" 20#	0	87	NOT PERFORATED		



Doc. No. 5443
Filed for record
this 14th day of December
A. D. 19 72, at 11:26
o'clock A. M.

1/4 Sec. 30 T. 21N R. 1E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 20 feet.

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

Pumping Water Level..... 42 feetat 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... BoilerLength of Test..... 2 hrs.

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 135
Pat Byrne
Driller's Signature

52033

5443

STATE OF MONTANA, } ss.
County of Cascade.

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

DEC 14 1972

Date

11:26 a'clock *R*

J. L. BENNING

County Clerk and Recorder

J. S. Wilson
Deputy

[Faint, illegible text in a rectangular box]

[Faint, illegible text]

31

File No.

T. 21 R. 1 E

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

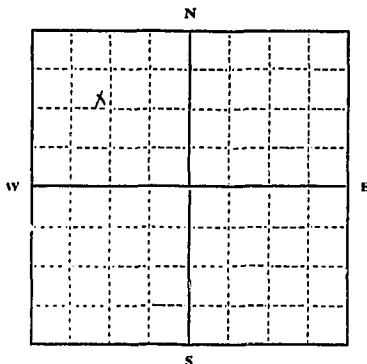
RECEIVED
JAN 9 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. F. G. Sherman, of San River
(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:



M.W. 14 Sec. 31 T. 21 R. 1 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 domestic

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

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

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

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 1961

8. The depth of water table 10 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 4" hole sand point 13 ft

10. The estimated amount of groundwater withdrawn each year 60,000

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

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 F. G. Sherman

Date 1-2-64

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.

2640

4655

STATE OF MONTANA, } ss.
County of Cascade.

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

JAN 2 - 1964

Date

at 11:01 o'clock 9 M.

J. L. LENNON

County Clerk and Recorder.

By

[Signature]

Deputy.

31

File No.

T. 21 R. 1 E

DUPLICATE

County Cascade

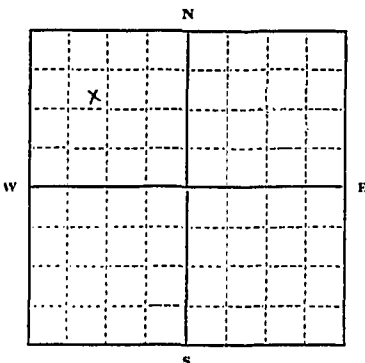
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. F. L. Sherman, of Sum. River
(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 31 T. 21 R. 1 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 Evaporative Seepage

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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
Lease 50 x 75 ft

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 Pump

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 10 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 1/2" driven Sand Point 15 ft

10. The estimated amount of groundwater withdrawn each year 50,000

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 F. L. Sherman

Date 1-2-64

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.

28639

4654

STATE OF MONTANA, } ss.
County of Cascade.

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

JAN 2 - 1904
Date

at 11:00 o'clock A. M.

J. L. LERNICK

County Clerk and Recorder.

By McRichard
Deputy.

qw.

Approved Stock Form—State Publishing Co., Helena, Montana—22234

File No.

T. 21 R. 1E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

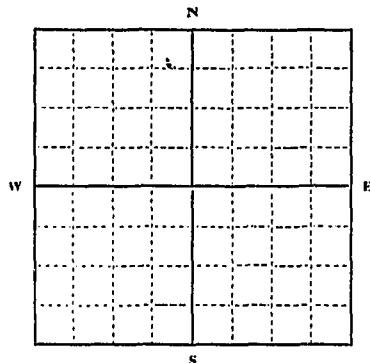
RECEIVED
JAN 9 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. H B Coody & Betty C Coody, of Box 307 Great Falls,
(Name of Appropriator) (Address) (Town)
County of Rosebud State of Mont
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.

Block 30- lot 546
town site of Mogadore.

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

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) 60 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
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
Edo Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced 6/20/63, Sept. 1963

8. The depth of water table 140 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
Not available

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner H B Coody & Betty C Coody
Date Dec. 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 Quaduplicate for the Appropriator.

28234

24246

9:46

File No.

T. 214 R. 1E 34

DUPLICATE

County Cascade

LOG

STATE OF MONTANA
MONTANA WATER RESOURCES BOARD
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

RECEIVED

AUG 12 1968

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Leopold Johnson Address Rt. 1 W. MandanDriller Mike Water Driller Address 29 Falls

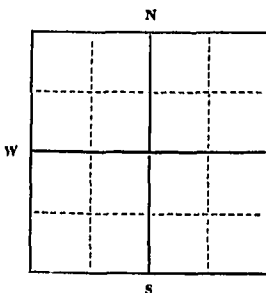
Date of Notice of appropriation of groundwater.....

Date well started 8-3-68 Date completed 8-5-68Type of well drilled Equipment used rotary
(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)
<u>5 5/8</u>	<u>4 1/4 L.L.</u>	<u>0</u>	<u>110</u>	<u>6" x 1/2</u>	<u>105</u>	<u>110</u>

110 gray clay
115 11" shale
120 Long gravel & sand
water

Static Water Level for non-flowing well 110 feet.

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

Pumping Water Level 120 feetat 20 gal. per minute.

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

How Tested BlowLength of Test 1/2

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

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).

120 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.

128
Driller's License Number

Chris W. Smucker
Driller's Signature.

44,493

5128

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
AUG 6 1968

at 1:15 o'clock P M

J. F. HUNTER
County Clerk and Recorder.

By E. H. HUNTER
Deputy.

File No.

NOV 16 1965

T. 21 N. R. 1 E. 34

DUPLICATE

Billie _____ McDermott _____
 Butzerin _____ McNulty _____
 Coyle _____ Morton _____
 Darlington _____ Sullivan _____

County Cascade

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Top of Groundwater
 (Elev. above sea level 3480)

Notice of Completion of Groundwater
 Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0 to 2 feet foam2 to 10 feet Silt10 to 14 feet Seep
(quick-sand)14 to 40 feet Sand & Silt40 to 175 feet Silt175 to 185 feet Sand185 to 199 feet Water
(fine gravel)

8 gals per min. over top

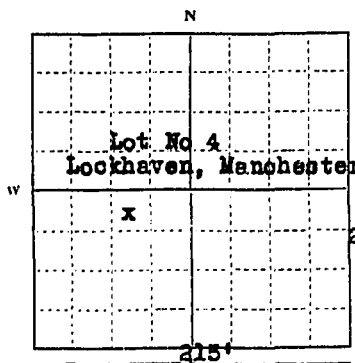
Owner Fred Rada Address ManchesterDriller E. D. Rafferty Address 927 10th Ave. S.W.Date of Notice of Appropriation of Groundwater noneDate well started March 8-64 Date Completed March 17-64

Type of well drilled Equipment Used churn-drill
 (dug, driven, bored or (Churn, drill, rotary or
 drilled) 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)
5 inch	5 1/2" O. D. 0 14 lbs. per foot	0	199	Casing driven open end into gravel		



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

Show exact depth of bottom.
 199 Feet

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

Shut-in Pressure for Flowing Well 8 gallons per min.

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

Discharge in gal. per min. of flowing well 8 gallons per minuteHow Tested Boiler Length of Test.....

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

License #28
 Driller's License Number

E. D. Rafferty
 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.

39830

4887

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

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

NOV 15 1966

Date

at 11:00 o'clock A M

J. L. LENNON

County Clerk and Recorder.

By R. B. Chase
Deputy.

GW

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

File No.

T 21N R 1E

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

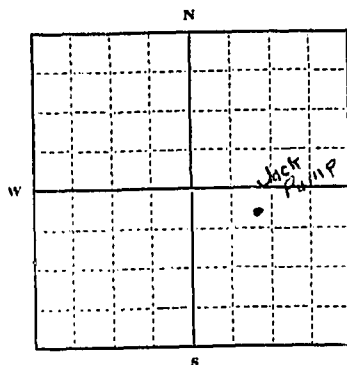
RECEIVED
JAN 9 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Hilmer R. Trost, of Box 255 Brady
(Name of Appropriator) (Address) (Town)
County of Pondera State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 34 T 21N R 1E

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.....
1959
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.....
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
jack pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
1959
8. The depth of water table.....
50 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.....
90 ft.
10. The estimated amount of groundwater withdrawn each year.....
whenever needed
11. The log of formations encountered in the drilling of each well if available.....
Through clay into gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner *Hilmer R. Trost*
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.

28415

4429

CLERK AND RECORDER
SANDS COUNTY MONTANA
I HEREBY CERTIFY THAT THE
INSTRUMENT WAS FILED FOR RE-
CORD IN THIS OFFICE, ON

DEC 31 1963

AT 12:56 P
AND DULY RECORDED AS INSTRUMENT

NO.

J. L. LENNON

CLERK AND RECORDER

BY

DEPUTY