

File No. _____

DUPLICATE

T 28 R 41

County Valley

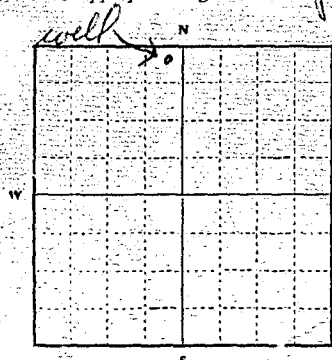
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Walter L. Knaff, of Rt-61 Glasgow
(Name of Appropriator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 9 T. 28 R. 41

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 mostly
home use, livestock and garden irrigation
3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been about 1920
about steady use since then
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) About 12 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
only about 1/2 acre of garden
on NW 1/4 Sec. 9 T. 28 R. 41
Walter L. Knaff
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal 1 hole electric
motor on 2 ft pump
NW 1/4 Sec. 9 T. 28 R. 41

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater about 1920
8. The depth of water table about 40 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 20 casing about 45 feet deep
10. The estimated amount of groundwater withdrawn each year about 100,000 gallons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 information available

Signature of Owner

Walter L. Knaff
Date Dec 20 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.

12841

438554

18085

STATE OF MONTANA, } vs.
County of Valley.
Filed for record

DEC 20 1963

MARY LOU ELLER ¹⁰⁰ Clerk & Recorder
Valley County
Charles J. Jackson

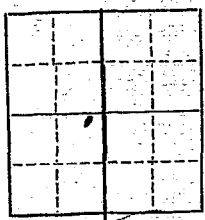
RECEIVED
MAR 3 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 28 N R. 41 E 18
County Yellow

WATER WELL LOG



Owner Harold Smith Address Box 1574 Glasgow
Driller _____ Address _____
Date Started _____ Date Completed _____
Location: Sec. 18 T. 28 R. 41 $\frac{1}{4}$ sec. SESW

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

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

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

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

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

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

Pumping water level _____ feet at _____ gal. per min. 10

How tested: _____

Length of test _____

Remarks (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Spring well bored with pie flowing pipe for
overhead.

(over)

15740

STATE OF MONTANA; } ss.
County of Valley,
Filed for record

Feb. 28, 1958

at *11:00* o'clock *A.M.*

Donald Ray Gault
County Recorder

By _____ Deputy

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—39318

File No.

DUPLICATE

T 28 R 41 E

County

RECEIVED
JUL 24 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

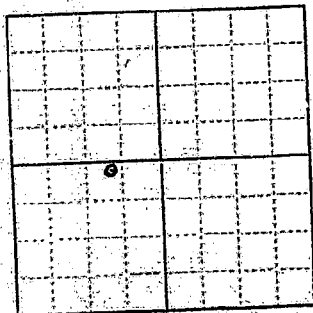
Owner Vernon March Address Glasgow, Montana

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. Spring



SW 1/4 Sec. 12 T 28 R 41

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

Year around supply.

Signature of Owner Vernon MarchDate July 23, 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.

5143

436068

17821

STATE OF MONTANA }
County of Valley }
Filed for record

JUL 23 1963

at 4:30 o'clock P. M.
Mervin Law
County Recorder
By Andrew Jackson Deputy

File No.

T. 28 N. R. 41 E. S. 20

DUPLICATE

County. Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

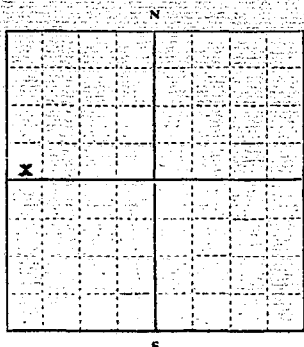
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 13 1963
STATE ENGINEER

1. Julius Flom of Box 302 Nashua
(Name of Appropriator) (Address) (Town)

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



3 1/4 Sec. 20, T28, R41
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 and
business
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. 1958
4. The amount of groundwater claimed (in miner's inches or gallons
per minute). 50 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.
about 100 acres
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.
from a well
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. 2-1-63
8. The depth of water table. 27'
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. 30' deep 8" casing
10. The estimated amount of groundwater withdrawn each year. 4,000 gpm
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 Julius Flom

Date Dec. 6, 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.

8978

438191

17968

STATE OF MONTANA,
County of Valley.

Platting record

DEC 11 1963

At 9:00 o'clock A.M.
Mary Lou Smith
County Recorder
Pauline Jacobson Deputy

File No. _____

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 28 N R. 41 E
County Hall

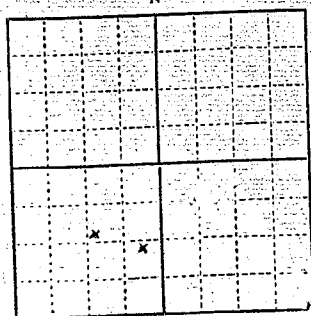
JAN 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. James Earl Reema Little of Route #1 Nashua
(Name of Appropriator) (Address) (Town)
County of Hall State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



7. 2 1/2 Sec. 21 T. 28 R. 41

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

Spring - S.E. 1/4 Sec. 21 T. 28 R. 41

2. The beneficial use on which the claim is based Home use and stock well & spring
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. We don't know date of drilling but it has been so continuous since we purchased it in 1947.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons per minute at well spring unknown
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof well - small garden 30' x 100'

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pressure pump at well spring - no means of withdrawal

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. The well was three miles away from the place but was put in a pump in 1947. spring no records date on it.
8. The depth of water table 19 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 well - 25 feet
no records at the spring for withdrawal except that the cattle go there for drinking.
10. The estimated amount of groundwater withdrawn each year spring unknown, well unknown
stock only for stock
11. The log of formations encountered in the drilling of each well if available 25 ft. of gravel, 16 feet of clay, gravel the rest of the way 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 None

Signature of Owner James Earl Reema Little

Date 12-26-63

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.

38018

438979

18406

JOHN W. MONTANA, Jr.
County Clerk
P.O. Box 1000

DEC-30 1963

By 3130 and P

MADEA COUNTY RECORDER
in Wilcox County

G1

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

File No.

DUPLICATE

T

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

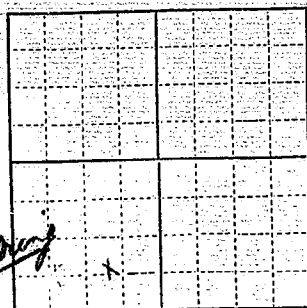
JAN 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Edward Lake, Jr. + Lillian Lake of Blagden Mont
(Name of Appropriator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 22 T28 R. 41
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
Livestock + household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Spring was there before, but was developed in 1952

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Developed in 1952

8. The depth of water table
18 inches 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
18 inches deep (from top of ground to bottom of spring)
Spring flows continuously in 6 foot
Unknown

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available
Clay 1000
Four feet and 2 feet of wash 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

Date

12-27-63

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.

37919

438874

18306

STATE OF MONTANA } ss.
County of Valley
Filed for record

DEC 30 1963

at 1:00 P.M.
MARY LOU EIDE Clerk & Recorder
By _____ Valley County

T. 28 N. R. 41 E 25

County Valley

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner C. H. Frost Smith Address 6423 9th

Driller Carl Palmer Address 5250

Date Started 12/21/57 Date Completed 12/22/58

Location: Sec. 25 T. 28 R. 41 1/4 sec. Lot 9

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

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

Casing: Tap ft. to 56 ft. Type 1 1/2" D.L.R. Size 6 G.D.

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

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

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 17 feet.

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

Pumping water level: 17 feet at 10 gal. per min.

How tested: Packaging

Length of test: 1 1/2 hours

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

(over)

T. 28 N. R. 41 E

25

County Valley

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner C. H. Brocksmith Address Glasgow

Driller Carl Palm Address Saco

Date Started 12/21/59 Date Completed 12/22/59

Location: Sec. 25 T. 28 N. R. 41 E 1/4 sec. Lot 9

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

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

Casing: Top ft. to 56 ft. Type HLB DLR Size 6 CD

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations

Static Water level, for non-flowing well: 12 feet

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

Pumping water level: 19 feet at 10 gal. per min.

How tested: Pumping

Length of test: 1 1/2 hr.

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

(over)

Log of Well

[illegible]

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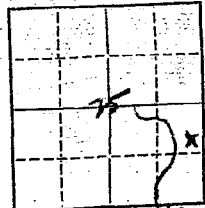
16452

25

T. 28 N. R. 41 E.
County Valley

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner Rose L. Brooksmith Address Box 334 Glasgow, Montana
Driller Carl Palm Address Saco, Montana
Date Started Aug. 23, 1957 Date Completed Aug. 26, 1957
Location: Sec. 25 T. 28 N. R. 41 E. 1/4 sec. lot 8

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

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

Casing: surface ft. to 53 ft. Type Galv. Iron Size 6"

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

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

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 20 feet.

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

Pumping water level 30 feet at 10 gal. per min.

How tested: Slush bucket and pump

Length of test 8 hrs

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

(over)

Log of Well

[illegible]

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15579

Post & Kriestamm

Portland & vicin of
Maine & New York

STATE OF MONTANA,
County of Valley.

filled 145 record

SEP 5 1957

11 object A m

County Recorder,

George Jackson
Dennis

File No.

T. 28 N. R. 41 E.

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level 2160)
0-22 River SILT
22-100 Blue CLAY
100-101 Sand + Gravel +
water

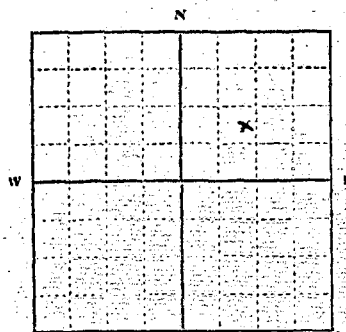
Owner Waldo Wetterling Address GlasgowDriller Carl Palm Address Saco

Date of Notice of Appropriation of Groundwater

Date well started 7/6 Date Completed 7/9/63Type of well Drilled Equipment Used Churn
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	4 1/2 ID 6.75 OD Galv	Top	101			



SW 1/4 NE Sec. 22 T. 28 N. R. 41 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 23 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 55 feet at 16 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested baling 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)

No. 25
Driller's License Number

Carl A. Palm
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.

9527

438234

17984

STATE OF MONTANA ss.
County of Valley
Subd. for record

- DEC 12 1963

8:00 o'clock P.M.
Mary Ann Bide
County Recorder
Caroline Preston

File No.

T

28 N 41 E

DUPLICATE

County

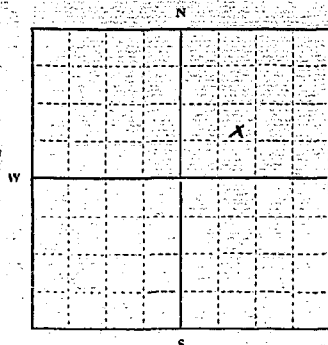
Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Waldo J. Wetterling of 540-4th Ave N. Glasgow
(Name of Appropriator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.W. 1/4 NE Sec. 29 T.28 R.41

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 + Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 - Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10
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

Jet-pump - Electric

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 96 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

10. The estimated amount of groundwater withdrawn each year 200 to 300 thousand gals.

11. The log of formations encountered in the drilling of each well if available 22 ft River Silt, 22-30 ft Blue Clay, 70-96 ft Sand + Gravel, 4 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

Signature of Owner

Waldo J. Wetterling
Date 12/2/63

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.

9526

438233

17983

STATE OF MONTANA, } ss.
County of Valley.

Filed for record

DEC 12 1963

at 8:00 o'clock A.M.
Mary Lou Bick
County Recorder
Pauline Jackson

File No.

DUPLICATE

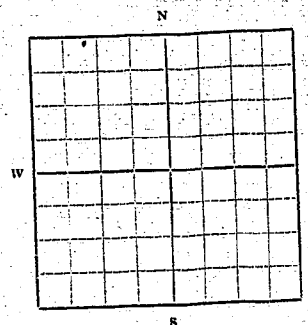
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

T. 28 N. R. 41 E. S. 30
County Valley

RECEIVED
JUN 15 1962
STATE ENGINEER

1. Lawrence Elad of R. R. No. 1 Kashua
(Name of Appropriator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 30 T. 28 R. 41

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 household purposes.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May, 1929, and has been used constantly thereafter.
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 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 the well flows by itself, but increased pressure is obtained by use of a pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater The well was completed in May of 1929, and the procedure pump was installed in 1946.
8. The depth of water table artesian well - four inch hole - 45 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 5,236,000 gallons per year - artesian well - four inch hole - 45 ft. deep.
10. The estimated amount of groundwater withdrawn each year 5,236,000 gallons per year.
11. The log of formations encountered in the drilling of each well if available about 150 feet - just before striking the water there was sand.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record 30, T. 28, R. 41.

Signature of Owner Lawrence Elad
Date June 6, 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.

429295

17432

STATE OF MONTANA, } ss.
County of Valley,

Filed for record

JUN 14 1962

at 2:30 o'clock P.M.

Mary Lou Eide
County Recorder

By _____ Deputy

GW

File No.

DUPLICATE

T

R

County

Valley

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

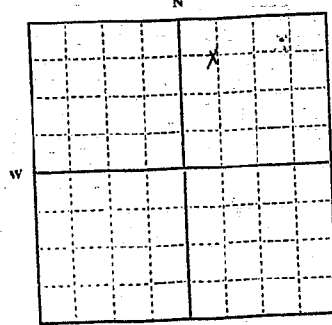
JAN 16 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Willard B. Hines, of Nashua (Town)
 (Name of Appropriator) (Address)
 County of Valley State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE Sec 22 T. 28 R. 41

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

2. The beneficial use on which the claim is based livestock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1914 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 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 Natural flowing well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1916
8. The depth of water table 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 500 foot Artesian Well
10. The estimated amount of groundwater withdrawn each year 3 gal. per minute
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date December 31, 1963

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

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

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

37023

439186

18598

OFFICE OF THE
ATTORNEY GENERAL
WASHINGTON, D. C.
JUL 11 1953

3:40 P.
MARY LOU [illegible]
Very truly yours,
[illegible]

GW

Approved Stock Form—State Publishing Co., Helena, Montana—41338

File No.

T 28 N. R. 41 E. M. M.

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

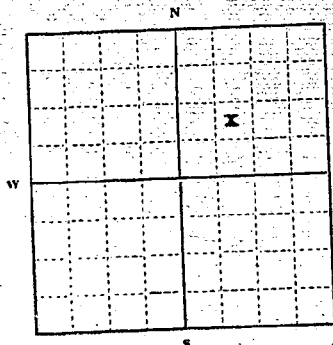
RECEIVED
DEC 20 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. George Bolke of Nashua,
(Name of Appropriator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based.
stock water

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 6.33 gallons per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric motor driven pump, well located
NE 1/4 SW 1/4 of Sec. 33, T. 28 N. R. 41 E. M. M.,
Valley County, Montana

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

8. The depth of water table. 40 to 85 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-inch drilled well, 85 ft. deep

10. The estimated amount of groundwater withdrawn each year. 1,314,000 gallons per year

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

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

Signature of Owner

George Bolke

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.

11674

438424

18036

RECEIVED

STATE OF MONTANA

COUNTY OF VALLEY

DECEMBER 17 1953

DECEMBER 17 1953

DECEMBER 17 1953

STATE OF MONTANA }
County of Valley }

Filed for record

DEC 17 1953

3:15
Mary Ann Gide
Caroline Jackson

File No.

DUPLICATE

T. R.

County Valley

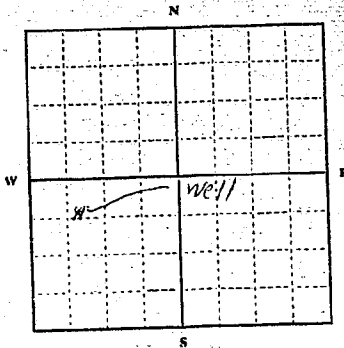
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Horace or Gerda Fezell, of Nashua (Town)
(Name of Appropriator) (Address)
Valley (County) Montana (State)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec 33 T. 28 R. 41

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

2. The beneficial use on which the claim is based Household and Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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 Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1941
8. The depth of water table 35 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 45 feet - six inch casing
10. The estimated amount of groundwater withdrawn each year 1000,000 gallons
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Horace FezellDate 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; Triuplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

38057

439018

18445

STATE OF MONTANA,
County of Valley.
Recorded

DEC 30 1963

at 3:40 P.M.

MARY LOU EISE Clerk & Recorder
by Valley County

GV

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

File No. _____

T. 28 N 41 E

DUPLICATE

County, Kalley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

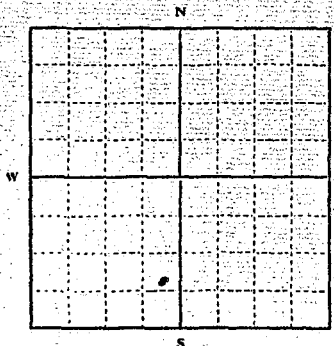
JAN 16 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Hickens Brothers of Nashua
(Name of Appropriator) (Address) (Town)
County of Kalley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. 14 SW Sec. 33 T. 28 R. 41

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

2. The beneficial use on which the claim is based House hold and live stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1940 Steady

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

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

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

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

8. The depth of water table 35 Foot

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 6 inch 35 Feet

10. The estimated amount of groundwater withdrawn each year 200,000

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

Hickens Brothers
H. B. Hickens

Date

31 Dec 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.

36999

439161

18574

STATE OF TEXAS,
County of Tarrant,
Filed for Record.

100

Findings:

DEC 31 1963

MARY LOU FINE, Clerk & Recorder
Valley County

MARY-LOU FINE-Clark Recorder
Valley County

7-11-64

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 LEVI ERLAND

Address NASHUA, MONT
Box 583

Date well started 11/24/71
completed 4/25/71

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

Equipment used Churn drill, rotary or other

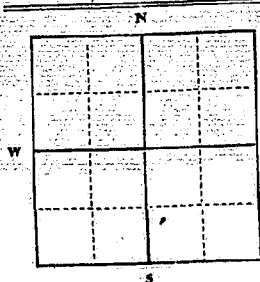
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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)
<u>4 3/4</u>	<u>4 in Galv</u> <u>8 lb per ft</u>					



S. 1/4, 1/4 Sec. 36
T. 28 N. R. 41 E.

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

Driller's Signature Walter Luse

Driller's Address W Glasgow Mont

LICENSE NO. 44

RECEIVED

AUG 17 1972

County Valley 36

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)	
<u>1</u>	<u>22</u>	<u>Gravel</u>
<u>20</u>	<u>32</u>	<u>Sand Gravel</u>
<u>32</u>	<u>37</u>	<u>Quick Sand</u>
<u>37</u>	<u>39</u>	<u>Sand thin shale</u>

39

Show exact depth of bottom

51,158

20691

STATE OF MONTANA } ss.
County of Valley
Filed for Record

AUG 14 1972

at 4:10 o'clock P.M.

Mary Lou Gide
County Recorder

By Pauline Friedman Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4232.

36

File No.

DUPLICATE

MONTANA WATER RESOURCES BOARD

RECEIVED

T. 28N R. 41E

County VALLEY

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 LEVIN SHIYIEY ERSLAND Address NASHUA, MONT.

Driller owner Address NASHUA, MONT.

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

Date well started 1-20-71 Date completed 2-20-71

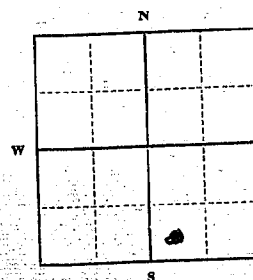
Type of well P.A.S.T.H.N.E. Equip. used (Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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

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

Doc. No. 20486
Filed for record
this 25th day of March
A.D. 1971 at 10:50
a

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	4 1/2	0	43			



Static Water Level for non-flowing well 30 feet.

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

Pumping Water Level..... feet
at 4 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested pumping

Length of Test two hours

Remarks: (Gravel packing, cementing, pack-

SW 1/4 Sec. 36 T. 28N R. 41E

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

using solid point

(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

Levin Ersland
Driller's Signature

48264

20486

STATE OF MONTANA } ss.
County of Valley }
Filed for Record

MAR 25 1971

at 10:50 o'clock A.M.
Mary Ann Smith
County Recorder
By Philip Smith, Deputy

File No.

T. 28N. R. 41E. M. M.

DUPLICATE

County...Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963
STATE ENGINEER

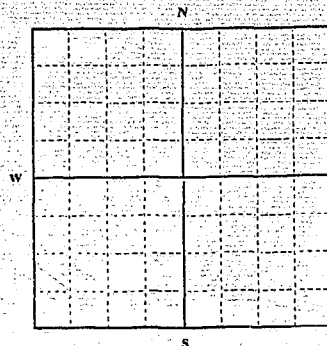
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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

County of Valley State of Montana

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



SE $\frac{1}{4}$ Sec 36 T28N R41E. M. M.

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

Located on Lot 6, Block 6,
Nashua, Montana

2. The beneficial use on which the claim is based for municipal
purposes

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been April 2, 1958

4. The amount of groundwater claimed (in miner's inches or gallons
per day) 1,000,000 gpd in high peak of summer
to 100,000 gpd in low peak of winter

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
municipal irrigation purposes of the inhabitants of
the Town of Nashua

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal Layne
Minnesota turbine type pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Date of Commencement - February 20, 1958
Date of Completion - April 2, 1958

8. The depth of water table The depth of water table is static water level 31'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater One well composed of steel casings of the following
diameters: 15' of 60" diameter; 35' of 56" diameter; 51' of 52" diameter. Depth of
well is 51' with a stainless steel screen at bottom.

10. The estimated amount of groundwater withdrawn each year 3,325,000 gallons

11. The log of formations encountered in the drilling of each well if available topsoil and yellow clay
from 0' to 21'; coarse sand and gravel from 21' to 28'; coarse gravel from 28' to 34';
course to fine sand and gravel from 34' to 50'.

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 N/A

TOWN OF NASHUA, MONTANA

Signature of Owner By John O. Peterson

Mayor

Date Dec 16, 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.

16598

438382

18022

STATE OF MONTANA } ss.
County of Valley.
Filed for record

DEC 16 1963

at 4:30 o'clock P. M.
Mary Law Butler
County Recorder
Charles Jacobson, Deputy

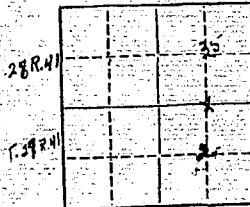
T. 27+28N R. 41E

County Valley

2/35

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner Mary Tibista Address Mashua Mont
 Driller Walter L. L... Address M. L. L...
 Date Started July 17, 1957 Date Completed July 26, 1957
 Location: Sec 4 S. 35 T. 27+28 R. 41 1/4 sec

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

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

Casing 4 in. gal. pipe 10 ft. to _____ ft. Type _____ Size _____
 Casing: _____ ft. to _____ ft. Type _____ Size _____
 Casing: _____ ft. to _____ ft. Type _____ Size _____
 Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____
 Type of screen or perforations _____

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

Shut-in pressure, for flowing well: 4.46 lb./sq. in. on: flowing well 1.6 gal per min.
 (date)

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

How tested: _____

Length of test: _____

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	10ft	sand
10	30ft	blue clay
30	60	quicksand
60	84	shale
84	95	quicksand
95	490	shale
490	685	quicksand

STATE OF MONTANA
County of Valley

Filed for record
SEP 6 1957
at Helena, Mont.
County Recorder
BY _____ Deputy

RECEIVED
SEP 11 1957
STATE ENGINEER

File No. 482 125T. 30 R. 37

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
14 1962

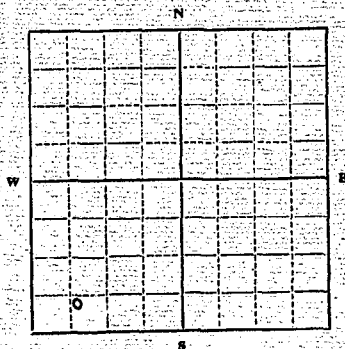
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Great Northern Railway Company of 175 E. 4th St., St. Paul, Minnesota
(Name of Appropriator) (Address) (Town)

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

SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 15 T. 20N. R. 37E

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

Location of Well at
Vandalia

(see reverse side for location of other four wells)

2. The beneficial use on which the claim is based Railroad
purposes
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been March 4, 1918
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 200 GPM
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
N/A
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal Wells at
Vandalia, Glasgow, Nashua, Frazer and
Oswego
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater February 26, 1918 - March 4, 1918
8. The depth of water table Static level - 28'
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" drilled well - 83' deep - cased to 79'
10. The estimated amount of groundwater withdrawn each year 200,000 gallons
11. The log of formations encountered in the drilling of each well if available. See attached log sheet.
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 at Frazer not presently being
used.

GREAT NORTHERN RAILWAY COMPANY

Witnessed and Signed By: H. H. [Signature]
Superintendent of the Butte Division
Date 2-6-62

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.

2724

NASHUA, Mont.

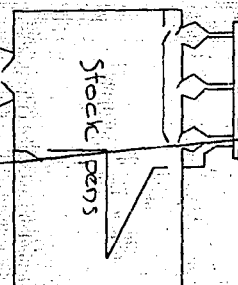
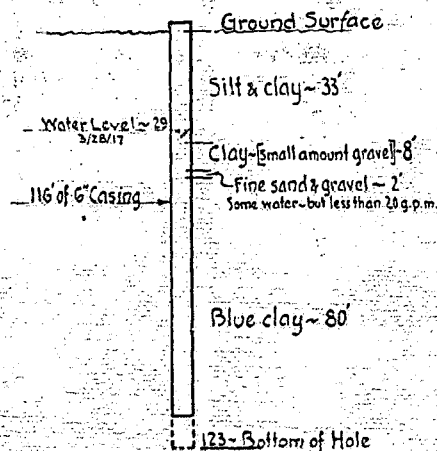
AFE 3205 ~ Year 1916

Log of 6"x123' test hole put down by
M^{rs} Carthy Well Co. under Cont. # 6561 ~
dated 10/21/16.

Insufficient water for locomotive supply
but O.K. for Stockyard [C.H.K. 8/16/17].

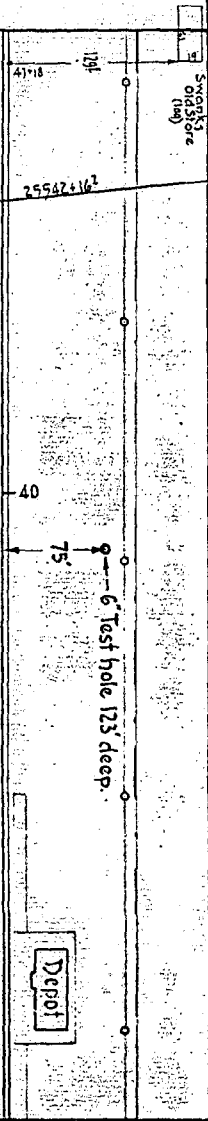
At depth 41-43 less than 20 g.p.m. was obtained,
and test between 43-75 showed but 200 g.p.h.

Work begun 3/25/17 & stopped 5/3/17.



25539+582
(later survey shows 662)

~ Location Sketch ~
(as of 1917)



Eng. Water Service

10-1200-147

ASSETTS
LOCATION OF WELL AT

NE 1/4 SE 1/4 Sec. 18-28N 41E



Location of Well at
Glasgow

3. May 23, 1946
4. 60 GPM
7. April 23, 1946 - May 23, 1946
8. Well flows at 10 GPM
9. 8"-6" drilled well - 325' deep - cased to 216' with 8" - 165' of 6" inside 8" to bottom.
10. 1,000,000 gallons
11. See attached log sheet.

SE 1/4 SE 1/4 Sec. 28-27N 41E



Location of Well at
Frazer

3. N/A
4. N/A
7. N/A
8. N/A
9. 21" Well - 35' Deep - At stockyard
10. 200,000 gallons
11. See attached log of test holes in location grounds.

CONCEAL
LOCATION OF WELL AT
SE 1/4 SE 1/4 Sec. 36-28N 41E



Location of Well at
Nashua

3. N/A
4. N/A
7. N/A
8. N/A
9. 27" Well - 35' Deep - Cased with Vit. Pip.
10. 200,000 gallons
11. N/A

Embargo

NE 1/4 NW 1/4 Sec. 35-27N 45E



Location of Well at
Oswego

3. July 1960
4. 10 GPM
7. Completed in July 1960
8. Static level - 22'
9. 6" drilled well - 75' deep - cased 60' 6"
10. 200,000 gallons
11. See attached log sheet.

GROUNDWATER INDEX

Page 1 of 1

County Valley

TWP. 28 N

Rge. 42 E

[illegible]

File No.

DUPLICATE

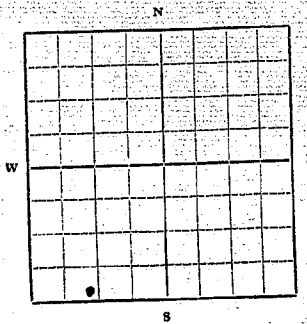
T. 28 N. R. 42 E. 2
County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
MAY 27 1962
STATE ENGINEER

1. Francis G. Laumeyer of Nashua (Name of Appropriator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 SW 1/4 Sec 2 T28 R12

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 & for spraying
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. of 1955 Every Day
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Three & 1/2 Gallon per Min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 1955
8. The depth of water table 4.8 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 Bored Well with 12 inch casing Depth 56 ft.
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 Clay 10 ft. Sand 25 ft. gravel clay sand 4 ft. Gravel 13 ft. Bear Paw shale 4 ft.
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 Francis G. Laumeyer
Date Mar. 12, 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.

427839

17331

STATE OF MONTANA; } ss.
County of Valley.

Filed for record

MAR 26 1962

at 11:15 o'clock P.M.
Mary Lou Gide
County Recorder
By Pauline Jacobson Deputy

File No. _____

T 28 R 42

County Valley

DUPLICATE

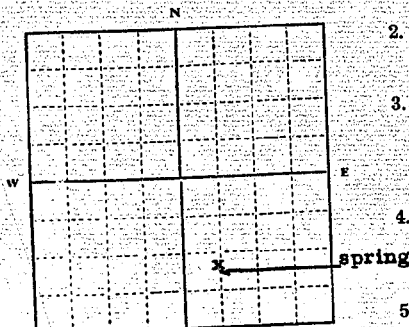
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NE 1/4 SW 1/4 SE 1/4 of 5 28 42.

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. Spring water for watering livestock and irrigation of a garden.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Continuous use for above purpose since January 1, 1948.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 350 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. One acre irrigated by owner, Dorothy Johnson, adjacent to spring as described in diagram.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. The spring is artesian in nature - water flows to surface and onto ground by natural gravity flow.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. This is a natural spring and improvements have been made by cleaning the same annually since January 1, 1948, including installation of stock tank and pipe.
8. The depth of water table. Surface water from spring.
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. Natural spring - gravity flow.
10. The estimated amount of groundwater withdrawn each year. Not applicable.
11. The log of formations encountered in the drilling of each well if available. Not applicable.
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 Dorothy Johnson

Date December 31, 1963

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

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

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

37014

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STATE OF MONTANA
County of Valley

Filed for Record

DEC 31 1963

320

P

MARY JOUET Clerk & Recorder
Valley County

File No. _____

DUPLICATE

T. 28 N. R. 42 E.

County Valley

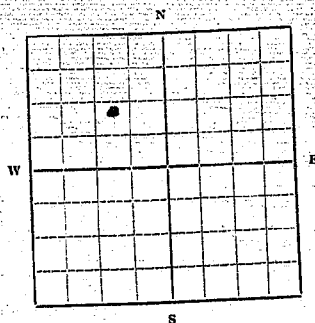
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 1 1963

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

STATE ENGINEER

1. Grace E. Strand of Star Rte. Nashua
(Name of Appropriator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 6 T. 28 R. 42

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, livestock watering, and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930 and in continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 110 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 5 acres in vicinity of the well. Grace E. Strand

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump. As indicated on plot plan.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Estimated 1930

8. The depth of water table 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 Approx 3 feet diameter and 40 feet deep. Second well is 4 feet in diameter and 40 feet deep, both located within a few yards of each other.

10. The estimated amount of groundwater withdrawn each year 1,000,000 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 Not applicable.

Signature of Owner Grace Strand

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 School of Mines and Quadruplicate for the Appropriator.

6135

436938

17884

STATE OF MONTANA, } ss.
County of Valley,
Filed for record.

SEP 30 1963

at 11:45 o'clock A.M.
Mary Lou Gode
County Recorder
By Pauline J. Gode Deputy

RECEIVED
DEC 1957

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner: George H. Lammeyer Address: Nashua Mont.

Driller: Carl Palm Address: Saco - Mont

Date Started: Oct-18 Date Completed: Oct. 19

Location: Sec. 12 T. 28 R. 42 1/4 sec. SE - NE

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

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

Casing: 4 1/2 ft. to _____ ft. Type: Black Iron Size: 4 in.

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

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

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: 7 ft. feet.

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

Pumping water level: 7 feet at 5 gal. per min.

How tested: Passing

Length of test: 2 1/2 hrs.

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

Top of Well is Sealed with a Cement Cap
6x6 That is the Pit that is 7 ft. deep where the
Pump is located for pressure system for
Domestic and Stock use

(over)

Log of Well

STATE OF MONTANA,
County of Valley,
ss.
Filed for record
DEC 5 1957
100 sheets P. M.
Mary Lou Galt
County Recorder
By _____ Deputy

1539

1990

RECEIVED
OCT 1 1957
STATE ENGINEER

14
T. 28 N. R. 42 E
County VALLEY

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner Simon and Amos Anderson Address Nashua, Montana
Driller Carl Palm Address Saco, Montana
Date Started September 7, 1957 Date Completed September 10, 1957
Location: Sec. 14 T. 28 R. 42 1/4 sec. 32

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

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

Casing: 1 ft. to 52 ft. Type Steel Size 6"
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size
Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations
Static Water level, for non-flowing well: 11 feet.
Shut-in pressure, for flowing well: Makes more than 20 gallon per minute
lb./sq. in. on (date)

Pumping water level 42 feet at 20 gal. per min.
How tested: Slush bucket
Length of test 1 Minute

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

(over)

Log of Well

[illegible]

STATE OF MONTANA }
County of Valley.

FILED FOR RECORD

SEP 30 1957

Colony I (1964)

[illegible]

100

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Charles H. Brocksmith

(Name of Appropriator)

Box 69, Glasgow, Montana

(Address)

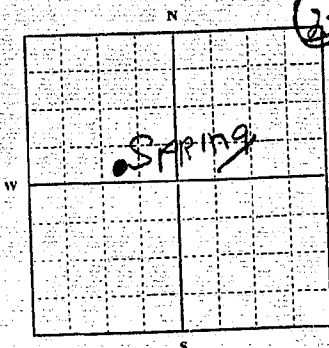
(Town)

County of

Valley

State of Montana

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



SW 1/4 Sec. 20 T28 R42

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 spring
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1917 and since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Natural flowing spring - located per map
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1917 - this is a spring with water coming to surface additional excavation work done in 1958 and 1960
8. The depth of water table. water flows to 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. Excavated two holes 4' deep and 10" diameter
10. The estimated amount of groundwater withdrawn each year. 15 Gal per minute year round
11. The log of formations encountered in the drilling of each well if available. lie
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 Charles H. BrocksmithDate 12/31/62

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.

37-88

18663

DEC 31 1963

4:30 _____ clock P _____

File No. STATE WATER CONSERVATION BOARD

T. 28 N R. 42 E 20

DUPLICATE

JAN 3 1966

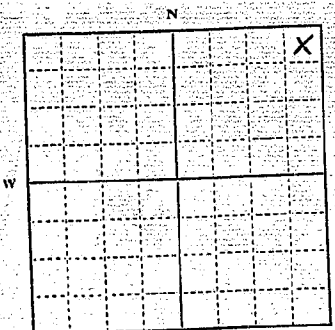
County Valley

Billie McDermott
Be CHAS **STATE OF MONTANA**
Co Sullivan **ADMINISTRATOR OF GROUNDWATER CODE**
Dart Sullivan **OFFICE OF STATE ENGINEER**
Dickert

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ray J. Hassler of Star Route Nashua
(Name of Appropriator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NE Sec. 20
T. 28 N. R. 42

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

- The beneficial use on which the claim is based Home Garden + Lawn
- Date or approximate date of earliest beneficial use; and how continuous the use has been Well drilled in 1947 and has had continuous use since that time
- The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal
- 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 Garden NE 1/4 NE 1/4 Sec 20 T. 28 N. R. 42 Ray J. Hassler
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric suction Pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Spring of 1947
- The depth of water table 25'
- 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 5" hole and 35' deep
- The estimated amount of groundwater withdrawn each year 36 000 gal
- The log of formations encountered in the drilling of each well if available Sandy loam + gravel
- 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 Ray J. Hassler
Date 12-31-65

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; Triuplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

19383

STATE OF MONTANA,
County of Valley, } ss.
Filed for record

DEC 31 1965

at 11:15 o'clock A. M.
Mary Lou Eide
County Recorder
By Lara M. Munn Den.

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42329

MONTANA WATER RESOURCES BOARD

File No. _____

RECEIVED

T 28 N. R. 42 E

DUPLICATE

SEP 11 1967

County Valley

LOG

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)

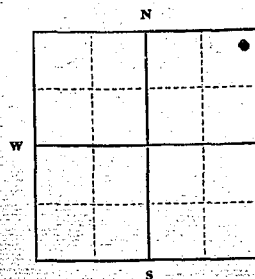
Owner Ray J. Hassler Address Highway 1, NashuaDriller Walter E. ... Address ...

Date of Notice of appropriation of groundwater _____

Date well started Aug 1 Date completed Aug 4Type of well _____ Equipment used Churn drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6	6 in SD Hoffman					

Static Water Level for non-flowing well
10 ft from bottom feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 10 ft from bottom 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) _____

M.E. 4
1/4 Sec 20, T. 28 N. R. 42 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).

Show exact depth of bottom.

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

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

Driller's License Number _____

Driller's Signature W. E. ...

42, 297

19822

STATE OF MONTANA, } ss.
County of Valley,
Filed for record

SEP - 8 1967

at 2:30 o'clock P. M.
Mary Lou Kirk
County Recorder
By *Mary Lou Kirk* Deputy

RECEIVED

SEP 11 1967

CLERK

RECEIVED

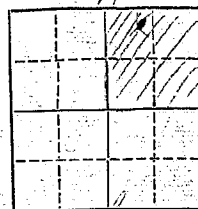
JUL 20 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 38 N R. 42 E 28
County: Valley

WATER WELL LOG



Owner: Seneca Anderson Address: Washington, Mont
Driller: Owner Address: "
Date Started: 7-1-58 Date Completed: 7-1-59
Location: Sec. 23 T. 38 R. 42 1/4 sec.

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

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

Casing: 1st ft. to 12 ft. Type: Galv Size: 18"
Casing: 12 ft. to 42 ft. Type: Hard 2x4 Size: 18"
Casing: 42 ft. to 49 ft. Type: Steel Size: 16"

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. 7'

Type of screen or perforations: Hand made 1/4"

Static Water level, for non-flowing well: 39 feet.

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

Pumping water level: 45 feet at 350 gal. per min.

How tested: Pump

Length of test: 1 1/2 hours

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

Steel casing was forced down to shale

(over)