397005

PETER SIEMENS et ex

TO

THE PUBLIC

COMPLETION OF GROUNDWATER
WITHOUT WELL

STATE OF MONTANA)
COUNTY OF HILL)
Filed at 1:00 o'clock P. M.
ON DEC 30 1963
COUNTY CLERK
By DEPUTY

FEE: $2.00 pd.

GW

Approved Stock Form—State Publishing Co., Helena, Montana—39089

File No.....

T. 29 N R. 8 E

DUPLICATE

County Hill

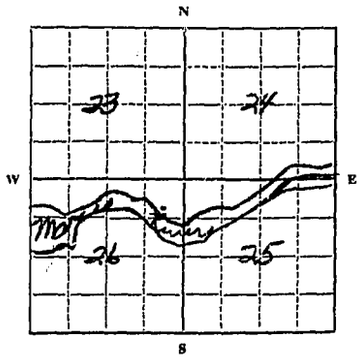
RECEIVED JAN 13 1964 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. PETER SIEMENS & DOROTHY M., of SOUTH ROUTE RUDYARD
(Name of Appropriator) (Address) (Town)
County of HILL State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼NE¼ Sec. 26 T. 29 R. 8

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

2. The beneficial use on which the claim is based. Household use and domestic use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. This well was dug May 1947. Ten and more families use water from this well. Approximate use would be about 1,000,000 gallons a year.

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

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. Each family uses their own pump and there is only well one (1) well located in NE¼ of NE¼ of Section 26, T. 29, R. 8.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Started May 1947 and completed in same month and year.

8. The depth of water table. From three to four feet. The depth depends on the river.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. This well is about four feet in dia. and is sixteen feet deep.

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 The estimated amount of groundwater withdrawn each year.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

11. The log of formations encountered in the drilling of each well if available. Mostly sand and quick sand toward the bottom.

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. Dorothy M. Siemens / Peter Siemens

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.

31075

397004

PETER SIEMINS et ex

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA, }ss.
COUNTY OF HILL }
Filed and recorded this ___ day
ON DEC 3 1963
___ COUNTY CLERK
By ___ DEPUTY

FEE: $2.00 pd.

GROUNDWATER INDEX

County Hill Twp. 29N Rge. 16E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
3	Leonard Faber	GW4	391871	
7/18	Howard R Dove	GW4	391831	
10	Leonard Faber	GW4	391870	
9	Kiwanis Camp Hill Co.	1959	371599	
10	Leonard Faber	GW4	391869	
11	Wanda Pagel	GW4	397215	
14	Wanda Pagel	GW4	397216	
15	Wanda Pagel	GW4	397214	
17	Phil Larson	GW3	397058	
22	Trygve Kiende	GW2	394281	
29	Phil Larson	GW3	397059	
29	Phil Larson	GW3	397060	
29	Phil Larson	GW3	397061	

GW-4
FILE NO._____
DUPLICATE

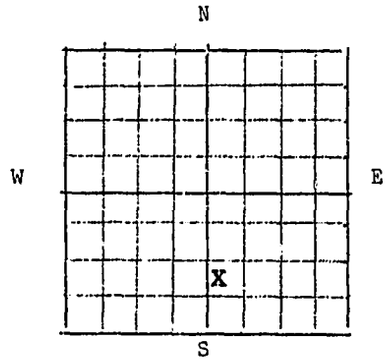
TWP 29 N RGE 16 E
COUNTY Hill

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. LEONARD FABER, of Shambo Rt., Havre, Montana
(Name of Appropriator) (Address) (Town)
County of Hill, State of Montana
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



NWSWSE ¼ Sec 3 T29 R16

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 & stockwater

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 gals 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
electric submersible pump pressure system

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 40 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
50 ft 4 inch casing

10. The estimated amount of groundwater withdrawn each year 180,000

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 Leonard Faber

Date Jan. 2, 1963

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

3146

391873

LEONARD FABER

TO

THE PUBLIC

DECLARATION OF VEST$D GR UND
WATER RIGHTS

STATE OF MONTANA)
COUNTY OF HILL)ss.
Filed at 9 o'clock A.M.

JAN 2 1983

G. C. Yeon
COUNTY CLERK

By _____
DEPUTY

Fee:$2.00 pd.

G

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No.

T. 29 N R. 16 E

7/18

DUPLICATE

County Hill

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

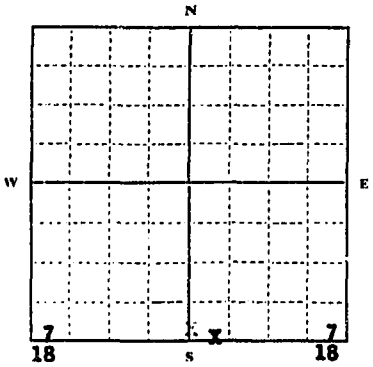
RECEIVED
JAN 7 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Howard R. Dove, of 126 S. Pacific Home (Address) Dillon, Montana (Town)
(Name of Appropriator)

County of Hill (location of water right) State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



¼ Sec 7/18 T. 29 R. 16

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

SW¼SW¼SE¼ Sec. 7
NW¼NW¼NE¼ Sec. 18
Hill County, Havre, Montana
approximate location

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Prior to 1920 - Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 miner's inches (.5 cfs)

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
See 12 below

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Spring development - gravity flow
Sec. 7 and 18 T.29 R.16

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater October 25 to November 1, 1961

8. The depth of water table eight 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 depth 14 feet - diameter 36 inches

10. The estimated amount of groundwater withdrawn each year 360 acre feet

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 spring development - gravity flow - excess, over and above stock water use, flows over and across native mountain meadow.

Signature of Owner Howard R. Dove
Howard R. Dove
Date December 26, 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.

26554

396831

HOWARD R. BOVE

TO

THE PUBLIC

DECLARATION OF VESTED GROUND
WATER RIGHTS

STATE OF MONTANA)
COUNTY OF HILL) ss.
Filed at 8 o'clock a.m.
ON Dec 2 1963
R. E. Blair
COUNTY CLERK
BY _____
DEPUTY

Fee: $2.00 pd.

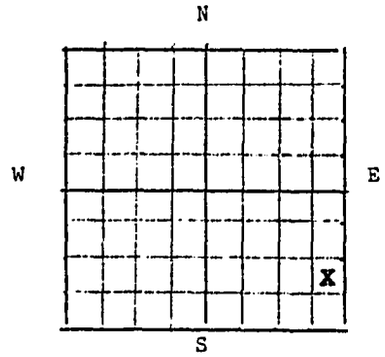
GW-4
FILE NO._____
DUPLICATE

TWP 29 N RGE 16 E
COUNTY Hill

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. LEONARD FABER, of Shambo Rt., Havre, Montana.
(Name of Appropriator) (Address) (Town)
County of Hill, State of Montana
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



NESESE ¼ 10 Sec 29 T ___ R 16

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
1-10-59

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
7 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
---

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1-8 to 1-10-59

8. The depth of water table 26 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" casing; depth of well - 50 ft.

10. The estimated amount of groundwater withdrawn each year 90000 gals

11. The log of formations encountered in the drilling of each well if available
30' Valley fill-gravel clay fond; 36 to 38 Valley Fill water;
38-50 Valley Fill broken scaley volcanic rock

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 Leonard Faber

Date Jan. 2, 1963

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

314.5

391870

LEONARD FABER

TO

THE PUBLIC

DECLARATION OF VESTED GROUND
WATER RIGHTS

STATE OF MONTANA)
COUNTY OF HILL) A
Filed at 9 o'clock ___ m.

G. C. Yeon
COUNTY CLERK

Fee:$2.00 pd.

9

T. 29 N R. 16 E

County: Hill

RECEIVED
MAY 26 1953
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

	X		

Owner: Kinsinis Camp Hill Co. Address: Havre

Driller: Simpson Drlg Co — Address: Shelby

Date Started: 20 mar 1953 Date Completed: 20 mar

Location: Sec. 9 T. 29 R. 16 ¼ sec. NE NW

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

Water use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]

Industrial [ ] Drainage [ ] Other:

Casing: 6 ft. to 57 ft. Type: Steel Size: 4½ O.D.

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. 55 to ft. 57 Ft. to ft.

Type of screen or perforations: 3/16 holes drilled in 6" casing

Static Water level, for non-flowing well: 18 feet.

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

Pumping water level: 22 feet at 20 — gal. per min.

How tested: Gauge

Length of test: 2 hrs

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	35	Fill gravel sand clay
35	55	Bentonite
55	57	Sand - water

DOCUMENT NO. 371599

BEAVER CREEK PARK Hill Co.
(Kiwanis Camp)

TO

THE PUBLIC

WATER WELL LOG

STATE OF MONTANA,)
COUNTY OF HILL) ss.
Filed at 4:00 o'clock P m.

ON MAY 25 1959

G.C. Yeon COUNTY CLERK

By _____ DEPUTY

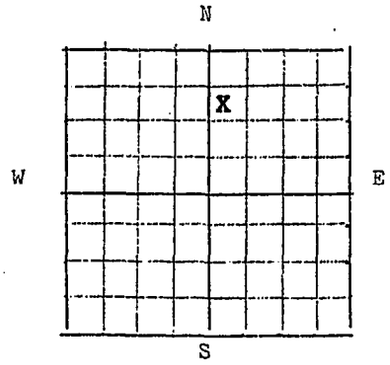
GW-4
FILE NO._____
DUPLICATE

TWP 29N RGE 16 E
COUNTY HILL

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. LEONARD FABER, of Shambo Route, Havre, Montana
(Name of Appropriator) (Address) (Town)
County of Hill, State of Montana
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



SWNWNE ¼ Sec 10 T 29 R 16

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 1-7 to 1-8-59

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Jan. 7, 1959; Jan. 10, 1959

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 4" casing; depth of well 44 feet

10. The estimated amount of groundwater withdrawn each year 90000 gals

11. The log of formations encountered in the drilling of each well if available 37' valley fill (sand clay); 37-42 Valley Fill Gravel Sand 42-44 Valley Fill Gravel Sand

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

Signature of Owner Leonard Faber

Date Jan. 2, 1963

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

3144.

391869

LEONARD FABER

TO

THE PUBLIC

DECLARATION OF VESTED GROUND
WATER RIGHTS

STATE OF MONTANA)
COUNTY OF HILL) ss.
Filed at 9 o'clock A m.
ON JAN 2 1963
G. C. Yeon
COUNTY CLERK
BY
DEPUTY

Fee:$2.00 pd.

GW.
FILE NO._____

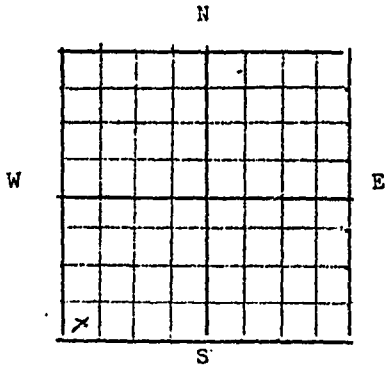
TWP 29 N RGE 16 E
COUNTY_____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 1 1964
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Wanda Pagel, of Havre
(Name of Appropriator) (Address) (Town)
County of Hill, State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



SW¼ SW Sec 11 T 29 R 16

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 + garden

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) 2 g.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____

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

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____

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater dug out about 5 ft deep + rocked up.

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____

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 x Wanda Pagel

Date 12-31-63

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

31266

397215

WANDA PAGEL

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA)
COUNTY OF HILL) ss.
Filed at 11 o'clock A.M.
ON DEC 31 1963
COUNTY CLERK
BY _____ DEPUTY

FEE: $2.00 pd.

GW-
FILE NO.

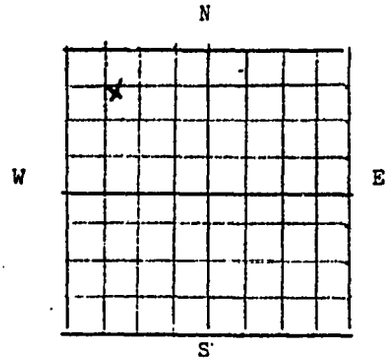
TWP 29N RGE 16E
COUNTY Hill

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Wanda Pagel, of Havre
(Name of Appropriator) (Address) (Town)
County of Hill, State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



NW¼ NW Sec 14 T 29 R 16

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1958 Continuous

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

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 Spring

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

8. The depth of water table

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
dug out + 3 ft deep + put tanks in + pipe

10. The estimated amount of groundwater withdrawn each year

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

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 X Wanda Pagel

Date 12-31-63

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

31267

WANDA PAGE 397216

397216

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA)ss.
COUNTY OF HILL)
Filed at 11 o'clock a.m.

DEC 31 1963

COUNTY CLERK

DEPUTY

FEE: $2.00 pd.

GW.
FILE NO._____

TWP 29 N RGE 16 E
COUNTY [illegible]

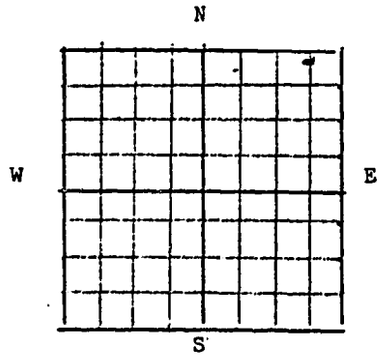
15

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Wanda Pagel, of Chambo Rt. Havre
(Name of Appropriator) (Address) (Town)
County of Hill, State of Montana
have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



NE ¼NE¼ Sec 15 T 29 R 16

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 [illegible] stock

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

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

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 Spring

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 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 dug out 1 ft. + boarded up

10. The estimated amount of groundwater withdrawn each 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 [illegible]

Date 12-31-63

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

31265

397214

WANDA PAGEL

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA)
COUNTY OF HILL)ss.
Filed at 11 o'clock A.m.

ON DEC 31 1963

COUNTY CLERK

DEPUTY

FEE: 2.00 pd.

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199

17

File No.

T. 29N R. 16E

DUPLICATE

County Hill

RECEIVED
JAN 1 2 1965
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Sept 15, 1961

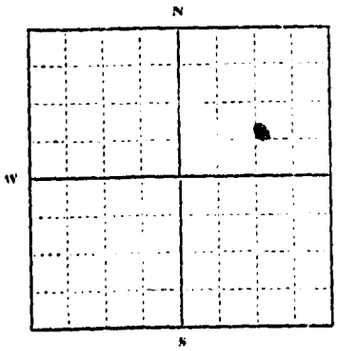
Owner Phil Larson Address 431 2nd St Havre

Contractor (if any) Ralph Geargel

Address of Contractor Havre Mont

Date Started Sept 10 Date Completed Sept 15

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Digging out a natural seep and installing a 42 in steel casing and pipeing therefrom to tanks.



NE¼ Sec. 17 T. 29 R. 16

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. May 1st to Dec 1st each year about 15000 gal per 24 hr. Period. Measured by the number of times the spring will fill the tank each day

Signature of Owner Phil Larson

Date Dec 30, 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.

31123

397058

PHIL LARSON

TO

THE PUBLIC

NOTICE OF COMPLETION OF
GROUNDWATER WITHOUT WELL

STATE OF MONTANA)
COUNTY OF HILL) ss.
Filed on 4 5 o'clock p m.

ON 3 1983

COUNTY CLERK

DEPUTY

FEE: $2.00 pd.

File No. _____ T 29 N R 16 E 22

DUPLICATE

County Hill

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 12 1963
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)

8 black clay
13 brown clay
20 hard pan

20'

Show exact depth of bottom.

Owner Trygve Kvande Address Havre, Mont

Driller Simpson Dr. Co. Address Malta, Mont.

Date of Notice of appropriation of ground water

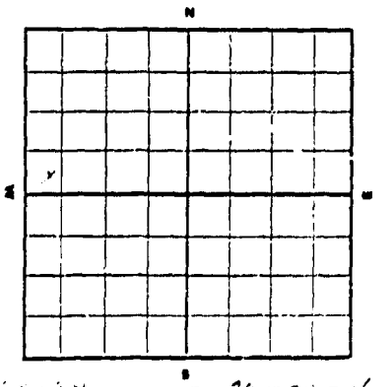
Date well started 6-6-63 Date Completed 6-10-63

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

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)
5½	4" 11 Lbs	2' Abg	20			



¼ Sec 22 T 29 R 16

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well 12½ 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 Bailer

Length of Test 2 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)

15
Driller's License Number

Driller's Signature

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

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

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

5344

394281

TRGYVE KVANDE

TO

THE PUBLIC

NOTICE OF COMPLETION OF GROUND WATER APPROPRIATION BY MEANS OF WELL

STATE OF MONTANA)
COUNTY OF HILL) ss.
Filed at 3:15 o'clock P.m.

ON JUN 20 1963

R. E. Blom
COUNTY CLERK

By _____ DEPUTY

Fee: $2.00 pd.

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199

29

File No.....

T. 29 N R 16 E

DUPLICATE

County Hill

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 13 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Sept 17, 1961

Owner Phil Larson Address 431 2nd St Havre

Contractor (if any) Ralph George

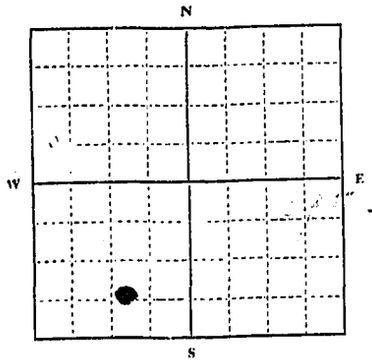
Address of Contractor Havre Montana

Date Started Sept 12 Date Completed Sept 16

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Digging out a natural seep and installing a steel casing 42 inches in diameter, and pipeing to tank.

Depth 6 ft.

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. May 1st to Dec 1st each year about 12,000 gals per day. Measuring number of times tank will fill in 24 hrs.



SW ¼ Sec. 29 T. 29 R. 16

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

Signature of Owner Phil Larson

Date Dec 30, 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.

31124

397059

PHIL LARSON

TO

THE PUBLIC

NOTICE OF COMPLETION OF
GROUNDWATER WITHOUT WELL

STATE OF MONTANA)
COUNTY OF HILL } ss.
Filed at 2:30 o'clock P m.
ON DEC 30 1963
E. Pol
COUNTY CLERK
By _____
DEPUTY

FEE: $2.00 pd.

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199 3

29

File No.....

T 29N R 16E

DUPLICATE

County Hill

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 13 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Sept 16, 1963

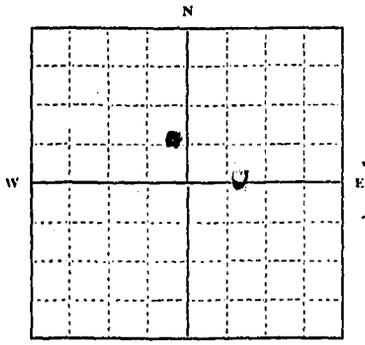
Owner Phil Larson Address 431 2nd St Havre

Contractor (if any) Ralph George

Address of Contractor Havre Montana

Date Started Sept 14, 1963 Date Completed Sept 16, 1963

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Digging out a natural spring to a depth of 14 ft and installing a steel casing and piping therefrom to tanks. depth about 10 ft.



NW ¼ Sec. 29 T. 29 R. 16

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. May 1st to Dec 1st each year about 8,000 gals in 24 hrs. measuring number of times tank will fill in a 24 hr. period

Signature of Owner Phil Larson

Date Dec 30, 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.

31125

397060

PHIL LARSON

TO

THE PUBLIC

NOTICE OF COMPLETION OF
GROUNDWATER WITHOUT WELL

STATE OF MONTANA)
COUNTY OF HILL) ss.
Filed at 3 o'clock p m.
ON DEC 30 1963
COUNTY CLERK
By DEPUTY

FEE: $2.00 pd.

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199

29

File No.....

T. 29N R. 16E

DUPLICATE

County Hill

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 13 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Sept 14

Owner Phil Larson Address 431 2nd St Havre

Contractor (if any) Ralph George

Address of Contractor Havre, Montana

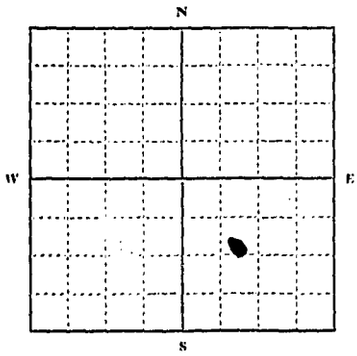
Date Started Sept 11 Date Completed Sept 14

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable Digging out a natural spring 8 ft deep and installing a 42 inch steel casing and pipeing therefrom about 6 ft.

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 May 1 to Dec 1st each year, about 10,000 gals per 24 hr. period. Measuring number of times tank will fill in 24 hrs.

Signature of Owner Phil Larson

Date Dec 30, 1963



SE ¼ Sec. 29 T 29 R. 16

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

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

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

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

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

31126

397061

PHIL LARSON

TO

THE PUBLIC

NOTICE OF COMPLETION OF
GROUNDWATER WITHOUT WELL

STATE OF MONTANA)
COUNTY OF HILL)
Filed at 4:30 o'clock ___ m.

ON DEC 30 1963

COUNTY CLERK

BY _____ DEPUTY

FEE: $2.00 pd.

GROUNDWATER INDEX

County Hill Twp. 29N Rge. 17E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
7	Rosa Thompson	6W4	396104	
8	Leonard Faber	6W4	391872	
9	Rosa Thompson	6W4	396105	
18	Havre School Dist #17	1959	369634	

GW 4

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

7

File No.....

T. 29 N R. 17 E

DUPLICATE

County Hill

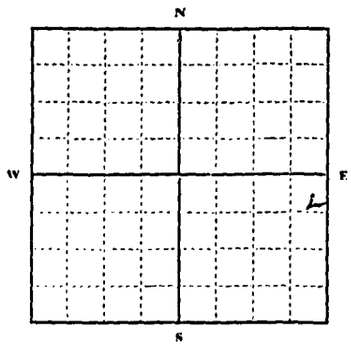
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 20 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Rosa Thompson (Name of Appropriator), of 408-8th St. Havre (Address) (Town)
County of Hill State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE¼SE Sec. 7 T. 29 R. 17

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 & Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
November 9 1958
Continuous

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Power Engine Driven Pump
Barn Yard

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater November 6-1958 to Nov. 9-1958

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 Churn Drill 4 in. Dia.
Depth 29 feet

10. The estimated amount of groundwater withdrawn each year Not positive of Amt used

11. The log of formations encountered in the drilling of each well if available
Valley fill mostly 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
Gets very low in Summer.

Signature of Owner Rosa Thompson

Date Oct. 28 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.

7334

396104

ROSA THOMPSON

TO

THE PUBLIC

DECLARATION OF VES ED GROUND
WATER RIGHTS

STATE OF MONTANA)
COUNTY OF HILL)ss.
Filed at 1:10 o'clock P m.

ON NOV 18 1963
R. E. Blom
COUNTY CLERK

By _____
DEPUTY

Fee:$2.00 pd.

GW-4
FILE NO._____

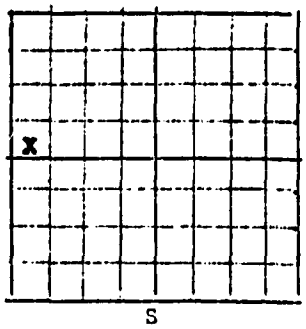
TWP 29 N RGE 17 E
COUNTY Hill

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. LEONARD FABER, of Shambo Rt, Havre, Montana
(Name of Appropriator) (Address) (Town)
County of Hill, State of Montana
have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



SWSWNW ¼ Sec 8 T29 R17

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1942

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1942

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
3' cement casings 15 ft depth

10. The estimated amount of groundwater withdrawn each year 18,000 gals

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

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

Signature of Owner Leonard Faber

Date Jan 2 1962

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

3147.

391872

LEONARD FABER

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

9 A

O. C. Yeon

Fee:$2.00 pd.

GW-4

Approved Stock Form—State Publishing Co., Helena, Montana—41338 3

9

File No.....

T. 29N R. 17E

DUPLICATE

County Hill

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED NOV 20 1963 STATE ENGINEER

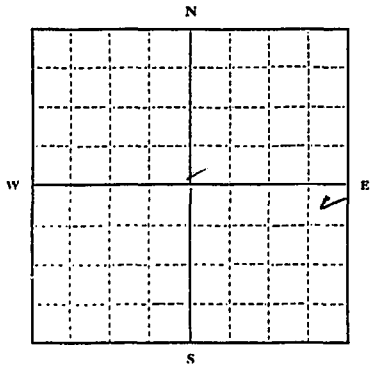
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Rosa Thompson, of 408 8th St. Havre.
(Name of Appropriator) (Address) (Town)

County of Hill State of Montana

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



NE¼SE¼ Sec. 2 T. 29 R. 17

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 2-12-60 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7½ gal 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 None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 2-9-60, 2-12-60

8. The depth of water table 39 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 Churn Drill, 6 7/8 in O.D. 59 ft.

10. The estimated amount of groundwater withdrawn each year Unknown not positive

11. The log of formations encountered in the drilling of each well if available Gravel fill. Blue Clay, Bed rock.

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 Rosa Thompson

Date Oct. 29 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.

4335

396105

ROSA THOMPSON

TO

THE PUBLIC

DECLARATION OF VESTED GROUND
WATER RIGHTS

STATE OF MONTANA,)ss.
COUNTY OF HILL)
Filed at 1:10 *o'clock* P *m.*

ON NOV 18 1963

R. E. Blom COUNTY CLERK

BY _____ DEPUTY

Fee: $2.00 pd.

18

RECEIVED
JAN 14 1959
STATE ENGINEER

T. 29N R. 17E
County Hill

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Sec. 18

Owner: School Dist #17 Harre Address: Harre

Driller: R C. Simpson Address: Malta

Date Started: 5 Jan. 59 Date Completed: 5 Jan 59

Location: Sec. 18 T. 29 N R. 17 ¼ sec. NW¼ NE¼

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: School

Casing: 0 ft. to 25 ft. Type Steel Size 4½ O. 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: 18 feet.

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

Pumping water level 20 feet at 10 gal. per min.

How tested: Pump

Length of test 1 hr

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

(over)

School Dist No 17 Mrs Alvina Faber, clk.

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	25	Valley fill mostly gravel

DOCUMENT NO. 369634

SCHOOL DISTRICT #17
TO

THE PUBLIC

WATER WELL LOG

STATE OF MONTANA)
COUNTY OF HILL) ss.
Filed at 8:00 *o'clock* AM.

ON JAN 12 1959
G.C.YEON
COUNTY CLERK

By _____ DEPUTY

FEE NONE

GROUNDWATER INDEX

County Hill Twp. 28 N Rge. 17 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
33	John Pholen	1959	No #	
33	John Pholen	1959	No #	
33	John Pholen	1959	No #	
34	John Pholen	1959	No #	
34	John Pholen	1961	396779	

RECEIVED
MAR 9 1959
STATE ENGINEER

T. 28N R. 17E 33
County Teton

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner John Phelan Address Choteau
Driller R.C. Simpson Address Malta
Date Started 18 Dec 58 Date Completed 31 Dec 58
Location: Sec. 33 T. 28 R. 17 ¼ sec.
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: ft. to ft. Type Size
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size

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

Type of screen or perforations

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

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

Pumping water level feet at gal. per min.

How tested:

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Dry hole - 7 ft. 6 in. cemented at 110 ft

John Phelan

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0-	25-	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

33

T. 28N R. 17E

County Hill

RECEIVED
MAR 9 1959
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner [illegible] Address Chinook

Driller R. C. Sampson Address Dunkirk

Date Started Mar. 9, 1958 Date Completed Mar. 9, 1958

Location: Sec. 33 T. 28 R. 17 ¼ sec. Farm Bill

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 45 ft. Type Steel Size 4½ o.d.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 35 to ft. 45 Ft. to ft.

Type of screen or perforations Slots cut with cutting torch

Static Water level, for non-flowing well: 8 feet.

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

Pumping water level 45 feet at 40 gal. per min.

How tested: Bailer

Length of test ½ hr.

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

Gravel pack 35'

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	12	[illegible]
12	35	Volcanic rock
35	45	Volcanic rock [illegible]
		[illegible]

T. 28N R. 17E 33

County Hill

RECEIVED
MAR 4 1959
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner [illegible] Address [illegible]

Driller P. C. Simpson Address Malta

Date Started [illegible] 13, 1958 Date Completed [illegible] 13, 1958

Location: Sec. 33 T. 28 R. 17 ¼ sec.

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: 0 ft. to 42 ft. Type Steel Size 4½ O.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: 12 feet.

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

Pumping water level 55 feet at 12 gal. per min.

How tested: bailer

Length of test 2 hrs.

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

[illegible] in Solid Rock at 41'

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
[illegible]	30	[illegible]
30	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
		[illegible]

RECEIVED
MAR 9 1959
STATE ENGINEER

T. 28N R. 17E 34
County Hill

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner John P. Phalen Address Chinook
Driller R. C. Simpson Address Malta
Date Started Dec. 11, 1958 Date Completed Dec. 13, 1958
Location: Sec. 34 T. 28 R. 17 ¼ sec. SE

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: 0 ft. to 37 ft. Type Steel Size 4½ O.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: 15 feet.
Shut-in pressure, for flowing well: lb./sq. in. on: (date)
Pumping water level 75 feet at 9 gal. per min.
How tested: Bailer
Length of test 1 hr

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Casing driven into solid rock at 37 ft

John P. Phalen

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	29	decomposed Volcanic Rock
29	85	Volcanic Rock
85	94	Volcanic Rock (fissured & contains water)

T. 28N R. 17E Sec. 33

County Hill

RECEIVED
DEC 28 1961
STATE ENGINEER

ERNEST O. LEE, DRILLING
1200 3RD STREET HAVRE

WATER WELL LOG

X			

Owner: John Phelan Address: Chinook

Driller: C A Lee Address:

Date Started: Nov 23 Date Completed: Nov 27

Location: Sec. 33 T. 28N R. 17E ¼ sec.

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 32 ft. Type Spring Size 7"

Casing: 32 ft. to 45 ft. Type Spring Size 6"

Casing: ft. to ft. Type Size

Perforated or ~~Screened:~~ Ft. 35 to ft. 45 Ft. to ft.

Type of screen or perforations: ½ X 4

Static Water level, for non-flowing well: 15 ft feet.

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

Pumping water level 45 feet at 4 gal. per min.

How tested: Bailer

Length of test 1 hr

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

John Phelan

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
1	12	Yellow Clay
12	27	Sand & Gravel
27	45	Red Rock

HI-LINE PUBLISHING CO., HAVRE.

DOCUMENT NO. 386779

JOHN PHALEN
TO
THE PUBLIC

WATER WELL LOG

STATE OF MONTANA)
COUNTY OF HILL) ss.
Filed at 8:00 o'clock A.M.

ON DEC 27 1961

G.C.YEON
COUNTY CLERK

By _____ DEPUTY

Fee $1.00- paid