

396864

SELINA D. & A.F. VASSEUR

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA,) ss.
COUNTY OF HILL)

Filed at 11 o'clock A.M.

ON DEC 27 1963

I. E. Blain

COUNTY CLERK

DEPUTY

FEE: \$2.00 pd.

396914

W. JAS. HARNICK

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA, ss.
COUNTY OF HILL

Filed at 8 o'clock a.m.

BY

8 2 1963

T. E. Blain
COUNTY CLERK

BY

SECRET

SEE: 52.00 pd.

T 32 NR 16E 17
 T. FREEMAN ADDITION
 County. HILL-HAIRE MONT

MONTANA BUREAU OF MINES AND GEOLOGY
 Butte, Montana

WATER WELL LOG

Owner FRANCES WELTE Address 835-18th ST
 Driller R. I. MOUTCHEK Address HAVRE MONT
 Date Started 8-2-51 Date Completed 8-7-51
 Location: Sec. 17 T. 30 N R. 16 E of LOT 8 of BLOCK 3 of FREEMAN ADDITION

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

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

Casing: 113 ft. to _____ ft. Type Iron Size 6 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: 66'6" from surface feet.

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

Pumping water level: 75 feet at _____ gal. per min.

How tested: _____

Length of test: _____

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

(over)

217

File No.

T 32 R 16

DUPLICATE

County Hill

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

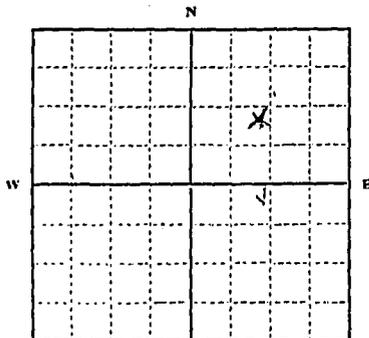
RECEIVED
AUG 22 1963

Declaration of Vested Groundwater Rights
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. FRANCES WELTE, of 535-19th 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:



E 4th of Lot 7 + Lot 9 - Blk 3
SW 1/4 NE Sec 17 T32 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.....
DOMESTIC USE

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
8-8-51
steady

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
Draw down
6.1 @ 1.39 PM
as per log.

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.....
8-1-51 - 8-8-51

8. The depth of water table.....
66' 6"

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 5/8" casing 1.13'

10. The estimated amount of groundwater withdrawn each year.....
2 Domestic houses

11. The log of formations encountered in the drilling of each well if available.....
6.2' Brown clay 4.9' yellow clay 3' sand + gravel

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

Signature of Owner Frances M. Welte

Date 8/16/63

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

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

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

GW.

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

File No.

T. 32^N R. 16

DUPLICATE

County HILL

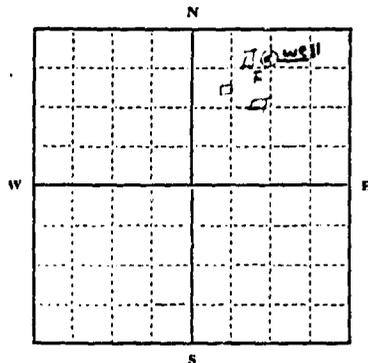
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 20 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. NOEL R. DAVIDSON of 980 BOULEVARD AVE. 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:



NW 1/4, N 5 Sec. 18, T. 32 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 on past residential use, watering livestock, irrigation of garden.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1916 continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4.5 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 Three acre garden, Wilbur M. Bailey, prior owner. Noel R. Davidson, present.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal A mechanical pump operated by an electric motor.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater The year 1916.
- 8. The depth of water table Unknown at this time. Adequate.
- 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 Four inch cased well. Depth approximately 185'
- 10. The estimated amount of groundwater withdrawn each year 150,000 gal
- 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 Noel R. Davidson
Date December 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.

10854

See also Bureau file

396653

EDNA H. LAVINOFF

TO

THE PUBLIC

ESTABLISHMENT OF VESTED OR ABANDONED
WATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL

Filed at 8 o'clock on

ON Dec 17 1963

R. E. BLOM
COUNTY CLERK

DEPUTY

Fee: \$2.00 pd.

File No. _____

T. 32N R 16.5 18

DUPLICATE

County HILL

LOG

RECEIVED
Feb 31

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

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

Owner DAVID & CLARA FELTON Address 1260 CLEVELAND AVE
HAVER, MONTANA

Driller H-LINE DRILLING SERVICE Address HAVER, MONTANA

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

Date well started JULY 25, 1968 Date completed AUGUST 5, 1968

Type of well DRILLED Equipment used CABLE TOOL RIG
(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.

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

0.10
10 EXISTING CISTERN

16 YELLOW CLAY

19 SANDY + GRAVELLY CLAY

37 GRAVELLY BROWN CLAY

46 BROWN CLAY - SMALL Boulders

49 BROWN SAND - WATER + FRAGMENTS OF COAL

53 BROWN CLAY - SMALL Boulders

55 GRAVEL + SAND - WATER APPROX. 2 GPM

78 BROWNISH - GREY CLAY

96 GREY CLAY - FRAGMENTS OF SHALE

114 GRAVELLY GREY CLAY

129 GREY CLAY

134 SANDY GREY CLAY

120 GREY CLAY - FRAGMENTS OF SHALE

181 SANDY GREY CLAY

199 1/2 GREY CLAY

200 GRAVEL - WATER - APPROX 10 GPM

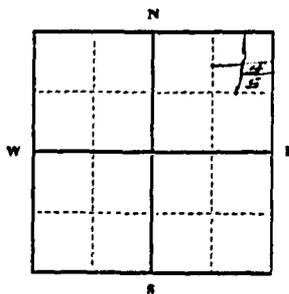
206 GREY SAND - SOME GRAVEL WATER - EXCEEDING 15 GPM BY GALER TEST

NOTE:
CASING WAS DRIVEN DEEPER IN QUEST OF BETTER GRAVEL PATTERN. ENCOUNTERED SAND AT 206 1/2, GREY SILT AT 207 1/2, AND SHALE BY 208 FT. PULLED CASING BACK TO 206

206 Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)		To (Feet)		PERFORATIONS		
		8 INCHES ABOVE FLOOR LEVEL				Kind Size	From (Feet)	To (Feet)
6 5/8"	6 5/8" O.D. 13" PER FOOT			195				
	6 5/8" O.D. 18" PER FOOT			185	206			

NO PERFORATIONS
WATER COMING IN THRU BOTTOM OF DRIVE SHALE AT 206 FT LEVEL



Static Water Level for non-flowing well 130 feet.

Shut-in Pressure for Flowing Well NOT APPL.

Pumping Water Level 140 feet at 16 gal. per minute.

Discharge in gal. per min. of flowing well NOT APPLICABLE

How Tested TEST PUMP

Length of Test 12 HOURS

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

1/4 Sec. 18 T32N116E. Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Well located in SENECA - 18-33-16

Lot 145 - Well located in lot

(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).

46
Driller's License Number

Herbert Zavis
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, tissue copy to be retained by driller.

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

44,965

412840

DONALD & CLARA FELTON

TO

THE PUBLIC

NOTICE OF COMPLETION OF
GROUND WATER APPROPRIATION

STATE OF MONTANA,) ss.
COUNTY OF HILL)
Filed at 3:30 o'clock P.M.

JAN 29 1969
R. E. BLOM

COUNTY CLERK

DEPUTY

fee: \$2.00 paid

RECEIVED

T. 32N R16E 18
County Hill

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana
STATE ENGINEER

WATER WELL LOG

	X	

Owner JOHN F. GALLER Address Box 642 HAURE, MONT
 Driller IKE TOWNSEND Address See Log
 Date Started MAR 13 Date Completed MAR 19
 Location: Sec. 18 T. 32 R. 16 1/4 sec. NW 1/4 SE 1/4

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: _____ ft. to 99 ft. Type 16 # Size 6 5/8
 Casing: _____ ft. to _____ ft. Type _____ Size _____
 Casing: _____ ft. to _____ ft. Type _____ Size _____

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

Type of screen or perforations X

Static Water level, for non-flowing well: 77 feet.

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

Pumping water level 84 feet at 20 gal. per min. +

How tested: BILLIK

Length of test 4 HOURS

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

6 5/8 DRIVE TO 98' TO SHUT OFF 203
24.5K SAND AND PACKING

Robert J. Lee

(over)

RECEIVED
NOV 16 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 32 N E. 16 E
County HILL

18

WATER WELL LOG

Owner CHARLES WILLIAMS Address HAVRE

Driller J. Lee A. TOWNSEND Address HAVRE

Date Started AUG 20 59 Date Completed ~~Aug 29 59~~

Location: Sec. 18 NW 32 R. 11 1/4 sec. 18

Type of well DRILLED Equipment used CHURN
(Sug, driven, bored, or drilled) (Colum drill, rotary, other)

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

Casing: None 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)

THERE WAS NO SHOWING OF WATER
AT ANY DEPTH

J. Lee A. Townsend

(over)

File No.

T. 32^N R. 16^E

DUPLICATE

County Hill

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Mar. 24, 1948

Owner Gladys Smith Address Heuremont

Contractor (if any) none

Address of Contractor

Date Started 1949 Date Completed 1957

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

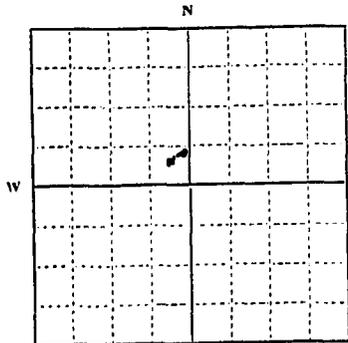
Hand-dug springs (2)
approx. 12 ft deep

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. One spring is used for furnace building - the other spring for water supply for dip blouses that are heated

Signature of Owner Mrs Gladys P. Smith

Date Dec 17, 1963



SENW 1/4 Sec. 18 T32 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.

396606

OLAINE SMITH

TO

THE PUBLIC

NOTICE OF COMPLETION OF GROUND
WATER APPROPRIATION WITHOUT WELL

STATE OF MONTANA) ss.
COUNTY OF HILL)
Filed at 2 o'clock P.m.

ON DEC 17 1963

R. E. Blom
COUNTY CLERK

DEPUTY

Fee: \$2.00 p d.

GW 4
FILE NO. _____
DUPLICATE

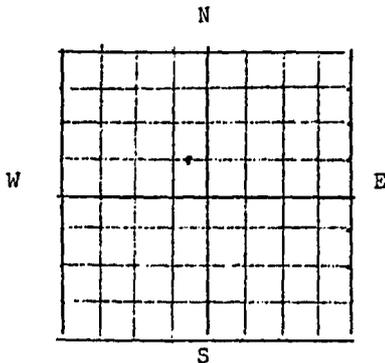
TWP 32 RGE 16
COUNTY Hill

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 21 1962

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

1. Marvin Smith, of S.W. 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:



SE NW 1/4 Sec 18 T 32 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
9/9/62 Four Hours A Day
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
Submersible Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 9/8/62
8. The depth of water table 45 55' at 10 GPM
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" 11 lbs pipe depth of well 121, 122, 123' Perforations from 119 to 129
10. The estimated amount of groundwater withdrawn each year 650,000
11. The log of formations encountered in the drilling of each well if available
119 to 129 sandstone
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner Mrs. Gladys P. Smith

Date _____

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.

392029

MARVIN SMITH

TO

THE PUBLIC

DECLARATION OF VESTED GROUND
WATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL)
Filed at 3:50 o'clock P.M.

BY _____ 1963

R. E. Blom
COUNTY CLERK

BY _____ DEPUTY

Fee: \$2.00 pd.

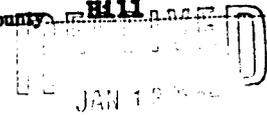
T 32 N R 16

File No. _____

DUPLICATE

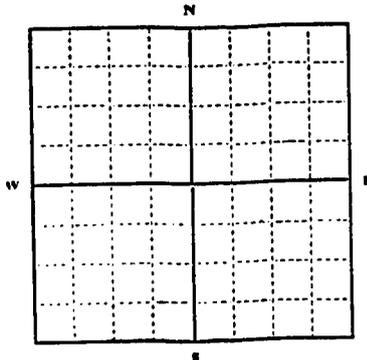
County Hill

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER



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

1. Margaret Turner Clack Trusts of Box 71 Hayes
 (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:



NW 1/4 SE. Sec. 19 T. 32 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. Domestic and garden irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1954 and continuously since then.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 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. NW 1/4 of Section 19, Township 32 North, Range 16 East M.P.M. Owner - Appropriator.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Mechanical pump located on NW 1/4 of Section 19, Township 32 North, Range 16 E.M.P.M.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Commenced and completed in 1954.
8. The depth of water table. Static head approximately 70 feet from surface.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Well drilled to 201 feet with 201 feet of 4 inch I.D. casing.
10. The estimated amount of groundwater withdrawn each year. 250,000 gallons.
11. The log of formations encountered in the drilling of each well if available. See attached Exhibit "A".
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.

MARGARET TURNER CLACK TRUSTS

Signature of Owner By [Signature]
 Agent

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.

31262

NAME H. Carl Black

May 1954

LOCATION Born Line Ranch

Log of Well

From	To	Thickness	Formation
0	32	32	Glacial Till (+ seep of water)
32	92	60	Fine shale
92	98	6	Brown fine shale
98	108	10	Coal Blossom + Coal. (Puff of gas)
108	113	5	Brown shale
113	118	5	Coal + Coal Blossom 5-6 P.M.
118	141	23	Brown shale
141	150	9	Fine shale
150	152	2	Hard Sil.
152	155	3	Fine shale
155	165	10	Brown shale part of gas Coal Blossom 4-5 P.M.
165	172	7	Tough fine shale
172	180	8	Brown fine shale
180	187	7	Coal + Blossom
187	190	3	Hard Sil.
190	201	11	Fine shale

STATIC HEAD about 70 FEET FROM SURFACE

DRAW DOWN TO Bottom FEET FROM SURFACE

AT 11-12

G. E. M.

STATE ENGINEER

Casing Record

Kind	Size	From Foot	To Foot
Std pipe	4" 1/2	Surface	201

Remarks:

Gas just above water at
113' 116' and 155' 165'

Total of 201' 5" of pipe in hole

I suggest pump to be set
at 180' from surface with $\frac{13}{16}$ "
cylinder

4" casing perforated at 113' 116'
and 155' 165' canvas patch
above.

EXHIBIT "A"

397211

MARGARET TURNER CLACK TRUST

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MICHIGAN
SHERIFF DEPARTMENT
Lansing, Michigan
JAN 19 1981
J. E. Blom
SHERIFF

FEES: \$2.00 pd.

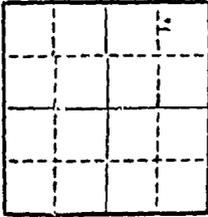
19

T. 14 R. 10

County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner W. J. ... Address ...

Driller ... Address ...

Date Started ... Date Completed ...

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

Type of well ... 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.

How tested: ...

Length of test ...

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

...

...

...

...

...

...

...

...

...

...

...

...

...

...

R. J. M. C. Cutchman

(over)

22

T. 32N R. 16E
County Hill

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner: GEORGE P. WILLY Address: HAVRE, MONTANA

Driller: SIMPSON DRILLING CO. Address: MALTA, MONTANA

Date Started: 12/13/61 Date Completed: 11/11/61

Location: Sec. 22 T. 32 R. 16 1/4 sec SW SW

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

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

Casing: 0 ft. to 25 ft. Type: S&T 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: 14 feet.

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

Pumping water level: 17 feet at 5 gal. per min.

How tested: PUMP

Length of test: 2 HOURS

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

George P. Willy

(over)

GW3

File No. _____

T. 32 R. 16

25

DUPLICATE

County Bill

GW 4

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 11 1961

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 1953

Owner H.L. Clack Address Harro, Montana

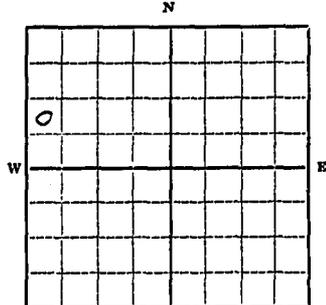
Contractor (if any) None

Address of Contractor NO address

Date Started Unknown Date Completed cleaned in 1961

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

Has a depth of about 3 feet



7W 8N 7W 1/4 Sec 25 T. 32 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 used all

summer and fall by cattle. About 3 gallons per minute, and much more when cleaned out.

Signature of Owner H.L. Clack

Date January

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 School of Mines and Quadruplicate for the Appropriator.

GWS

File No

T. 32 R. 16

25

DUPLICATE

County Hill

GW 4

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 11 1962

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 1955

Owner H.L. Clock Address Havre, Montana

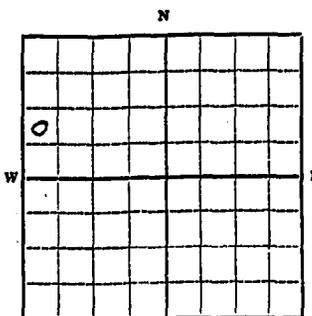
Contractor (if any) None

Address of Contractor NO address

Date Started Unknown Date Completed cleaned in 1961

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

Has a depth of about 3 feet



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 used all

summer and fall by cattle. About 3 gallons per minute, and much more when cleaned out.

7W/2W/7W/1/4 Sec 25 T. 32 R. 16

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

Signature of Owner H.L. Clock H.L. Clock

Date January

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 School of Mines and Quadruplicate for the Appropriator.

DOCUMENT NO. 386919

H.L. CLACK
TO
THE PUBLIC

NOTICE OF COMPLETION
OF GROUNDWATER APPROPRIATION
WITHOUT WELL

STATE OF MONTANA,) ss.
COUNTY OF HILL)
Filed at 12:00 o'clock P.M.

ON JAN 10 1962

G.C. YEON
COUNTY CLERK

By _____ DEPUTY

FEE \$2.00- paid

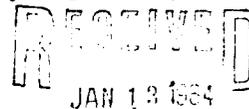
File No. _____

T. 50 N. R. 16 E

DUPLICATE

County Hill

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Declaration of Vested Groundwater Rights

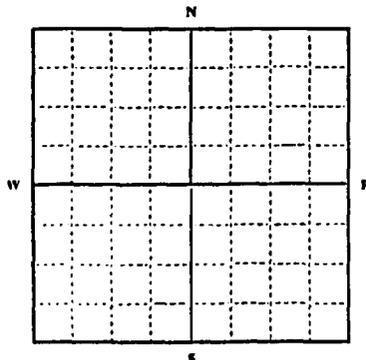
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

0000

1. Highville Construction, of Bozeman Montana
(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:



25 1/4 Sec. 22 T. 32 R. 16 E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950 to 1962 continuous
1950 to 1962 continuous 1962 to 1963 continuous

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

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
1/2 acre Highville Construction

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Local stream
1/2 mile west of Highville, section 22, T. 32, R. 16 E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1962

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 Hand dug, 24" x 24"

10. The estimated amount of groundwater withdrawn each year 300,000

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

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 [Signature]

Date 12-31-63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 3102

396950

BILLY B. AVIS CHRISTENSEN

TO

THE PUBLIC

DECLARATION OF WASTED
GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
Filed as per [unclear]

27 1 1953
[Signature]

FEES: \$2.00 pd.

29

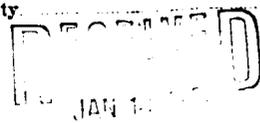
File No.

T. 32 N. R. 16 E

DUPLICATE

County

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

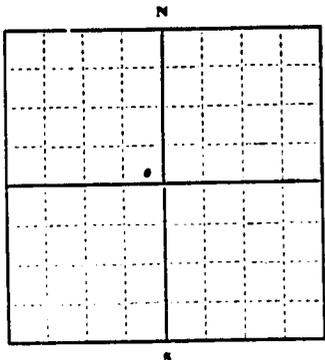


Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Mrs. M.C. Knarik, of 914 L Ave. 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:



SE Sec. 34, NW Sec. 29, T. 32 N. R. 16 E.

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

2. The beneficial use on which the claim is based
Household and livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1931
CONTINUOUS USE
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
2 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none used
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1931
8. The depth of water table
unknown
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
4.56 ft
10. The estimated amount of groundwater withdrawn each year
25,000 gal
11. The log of formations encountered in the drilling of each well if available
Blue, Brown, gray and greenish blue shale
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 Hilda C Knarik

Date Dec. 31, 1963

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

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

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

51209

GW3

File No.

DUPLICATE

T. 32 N R 16 E 32
County Hill

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

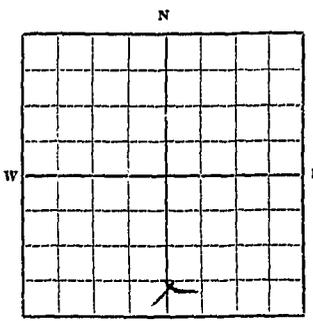
RECEIVED
DEC 27 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 27 Dec 1963
Owner C.I. Hendricks Address Box 227 House
Contractor (if any) None
Address of Contractor None
Date Started Unknown Date Completed Unknown



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. spacing developed by built in tank and pipe to watering area

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 Intermittent use for block watering approximately 100,000 gallons per year

2 1/4 or 3 1/4 S
E 3/4 Sec. 37 T. 32 R. 16
Indicate point of appropriation and place of use, if possible.

Signature of Owner C. I. Hendricks
Date 27 Dec 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.

396722

C. I. HENNING

TO

THE PUBLIC

NOTICE OF COMPLETION OF GROUND
WATER APPROPRIATION IN MOUNTAIN WELL

STATE OF MONTANA, ss.
COUNTY OF HILL)
Filed at _____ o'clock P. M.

ON DEC 23 1963

R. E. Blom

COUNTY CLERK

DEPUTY

Fee: \$2.00 pd.

File No.

T. 32 N R. 16 E

DUPLICATE

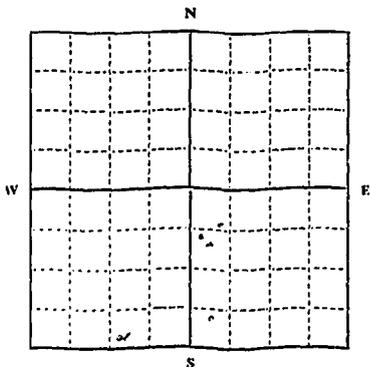
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 13 1964

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

1. E.J. Papin, of 606 3rd Avenue, 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:



1/4 Sec. 23 T. 32 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... domestic and general farm use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1895 to date
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 100 GPM
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Not applicable
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Jet pumps, cylinder pumps
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1895, 1915, 1926, 1948, 1960
- 8. The depth of water table... not over 10', 2 wells 6'
- 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" drilled well 150', sand points various depths 30 to 70, 2" drilled well 100'
- 10. The estimated amount of groundwater withdrawn each year... 1,500,000
- 11. The log of formations encountered in the drilling of each well if available... 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 E.J. Papin

Date 12-31-63

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

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

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

31252

397195

E.J. PEPIN

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA)
COUNTY OF HILL) ss.
Filed at _____ of _____

ON _____ 1988
E. J. Pepin
COUNTY CLERK

SEE: 02.00 pd.

GW
FILES NO. _____

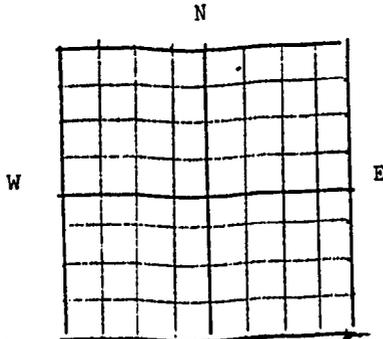
TWP 32 N RGE 16 E
COUNTY Hill

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 1 1963

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

1. Archie P. Anderson, of 280 N. Side Have
(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:



1/2 acre in old plat tract
on Shepard Rd.
+ Sec T R

Tract No. 2
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
1/2 acre 2 Dwellings Lawn Garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
OCT-1954 - STEADY

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
250 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
yes, garden - lawn
Archie Anderson 1/2 acre

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
OCT 1954

8. The depth of water table top level 16 FT Bottom 45
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
PIST
16 FT DIPT gravel - 10 FT SOLID SANDSTONE
then 9 in blue clay then a sandstone bed SHALE

10. The estimated amount of groundwater withdrawn each year about 4,000,000

9. The log of formations encountered in the drilling of each well if available
6 1/2 steel casing 45 FT Deep

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

tested by STATE HEALTH DEPT
99-90 page 191 mineral deposit

Signature of Owner Archie Anderson

Date Dec 31-1963

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.

397161

ARCHIE ANDERSON

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

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

ON DEC 31 1963

COUNTY CLERK

DEPUTY

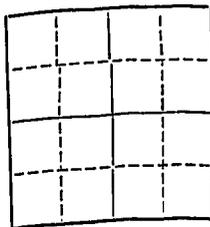
FEE: \$2.00 pd.

RECEIVED
OCT 27 1958
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 32 N R. 16 E
County Hill

WATER WELL LOG



Owner S. P. FINLEY Address No. Side HAURE
Driller Lloyd G. HANBERG Address Box Elder, Mont.
Date Started Sept. 16, 1958 Date Completed Sept. 20, 1958
Location: Sec. T. R. ¼ sec.

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other:

Casing: 6 ft. to 99 ft. Type 10-50 Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 54 to ft. 62 Ft. 86 to ft. 98

Type of screen or perforations Slots

Static Water level, for non-flowing well: 30 Feet below surface feet.

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

Pumping water level Steady feet at 7 gal. per min.

How tested: BAILED

Length of test

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

SP Finley (over)

DOCUMENT NO. 368360

S.P. FINLEY
TO
THE PUBLIC

WATER WELL LOG

STATE OF MONTANA,
COUNTY OF HILL)
Filed at 11:35 o'clock A.M.

ON OCT 21 1953
G.C. YEON

By _____ COUNTY CLERK
DEPUTY

38	48	Blue Shale (Judith)
48	54	Brown Shale, Sandy
54	56	Grey, Sandy Shale, Light Water - 1 gal. per Min.
56	58	Hard Shell, Brown
58	62	Grey, Sandy Shale
62	65	Hard Shell, Grey
65	72	Blue Shale
72	76	Grey Shale
76	84	Blue Shale
84	86	Hard Shell
86	99	Sandstone, Water
99		Grey Shale, Well Completed

GW

File No. _____

T. 32N R. 16E

DUPLICATE

County _____

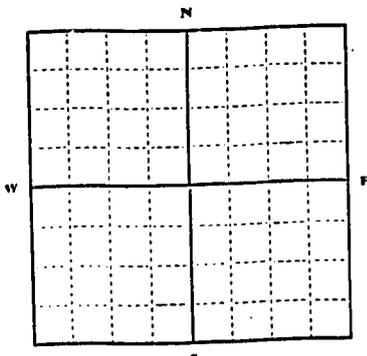
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 9 1963

Declaration of Vested Groundwater Rights
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Have Concrete Block Co
Have Concrete Block Co of Y. A. Bogut North Side Havre
(Appropriator) (Address) (Town)
County of Havre State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based manufacturing concrete products

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1946
continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 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 deep well pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1946

8. The depth of water table 25 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 8 in casing 195 ft deep

10. The estimated amount of groundwater withdrawn each year 150,000 - gal

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

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

Signature of Owner J. A. Bogut

Date Aug. 30 - 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, Geology, and Quadruplicate for the Appropriator.

6291

86 99 Sandstone, Marls
99 Grey Shale, Well Completed

395578

HAVRE CONCRETE BLOCK COMPANY

TO

THE PUBLIC

DECLARATION OF VESTED GROUND
WATER RIGHTS

STATE OF MONTANA,
COUNTY OF HILL)
Filed at 3:30'clock P.M.

ON 1963

R. E. Blom

COUNTY CLERK

DEPUTY

Fee: \$2.00 pd.

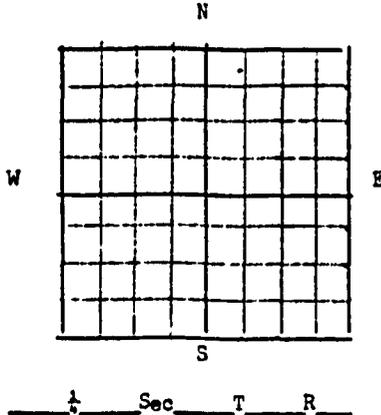
GW
FILE NO. _____

TRP 324 PGE 166
COUNTY _____
JAN 1962

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. David J. Langer, of 787th Street - Havert
(Name of Appropriator) (Address) (Town)
County of Havert, State of Mont.
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:



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 & Irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 None
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal _____
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater _____
- 8. The depth of water table 50 ft
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Hand dug
- 10. The estimated amount of groundwater withdrawn each year 10000 gal
- 11. The log of formations encountered in the drilling of each well if available _____
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner David J. Langer
Date 12-30-63

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.

397046

ARNOLD LANGRISH

TO

THE PUBLIC

DECLARATION OF WELLS
FOUNDED RIGHTS

STATE OF MONTANA,
COUNTY OF BILLINGS,
Filed at 1 o'clock p.m.

ON DEC 30 1963

[Signature]
COUNTY CLERK

DEPUTY

Fee \$2.00 pd.

T. 32 N R. 16 E
County: Blaine
MAY 5 1957

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana STATE ENGINEER

WATER WELL LOG

Owner: Northern Pedy Mix Address: Havre Mont.
Driller: R. M. Black Address: Shirook Mont.
Date Started: Mar 2nd 1957 Date Completed: Mar 6 - 1957
Location: Sec. T. R. 1/4 sec.

Type of well: drilled Equipment used: 2 1/2 W-Bucyrus-Spudder
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other:

Casing: 0 ft. to 80 ft. Type: Regular Size: 5 1/2 x 6 in
Casing: ft. to ft. Type: Size:
Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. 45 to ft. 75 Ft. to ft.

Type of screen or perforations: with Torch slots

Static Water level, for non-flowing well: 30 ft

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

Pumping water level: 40 feet at 1300 gal. per min hour

How tested: bailer & pump.

Length of test:

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

(over)

File No. _____

T. 22 N R. 16 E

DUPLICATE

County Hill

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

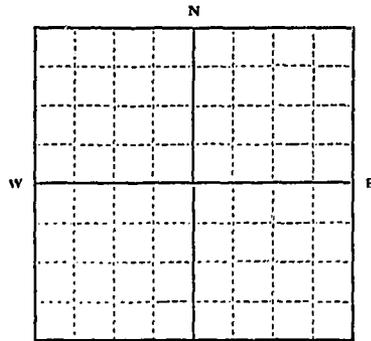
RECEIVED
JAN 1 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. LAURA-A-SALFER
CLINTON-F-SALFER of 526-4th AVE - 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:



LOTS-13-14-BLK-3
CITY-HAVRE-MONT.
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 WATERING-YARD
EXTRA-WATER-SUPPLY

3. Date or approximate date of earliest beneficial use; and how continuous the use has been APPROX. 1910
DO NOT KNOW-HOW CONTINUOUS
AT-PRESENT-TIME-SAND-POINT-ON-1 1/2" PIPE

4. The amount of groundwater claimed (in miner's inches or gallons per minute) SAND-POINT-ON 1 1/2" PIPE

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
LOTS-13-14-BLK-3
LAURA-A-SALFER-CLINTON-F-SALFER

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
SAND-POINT-BLK-3-HAVRE-MONT.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater DO NOT HAVE THE DATES

8. The depth of water table APPROX. 35'

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. 3.5'
SAND-POINT
1 1/2" PIPE

10. The estimated amount of groundwater withdrawn each year ESTIMATE-125 BARRELS

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 DO NOT HAVE ANY ADDITIONAL INFORMATION

Signature of Owner Clinton F. Salfer

Date 31 Dec 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.

397154

CLINTON SALFER et ex

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

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

ON 1963
[Signature]

COUNTY CLERK

DEPUTY

FEE: \$2.00 pd.

File No.

32 N 26 E

DUPLICATE

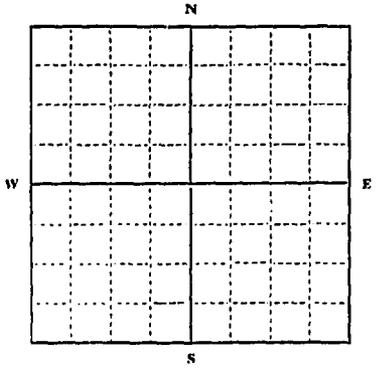
County RECEIVED
JAN 13 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. CYRIL EDMUND SLABY, of 612-15TH ST. HAYRE
(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:



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 LAWN IRRIGATION

3. Date or approximate date of earliest beneficial use; and how continuous the use has been MAY 1 - 1956
8 MONTHS OF EACH YEAR

4. The amount of groundwater claimed (in miner's inches or gallons per minute) TEN 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
HAYRE - SOUTH LAWN ADDITION
LOT 45 - BLOCK 8
OWNER CYRIL E. AND LUCY SLABY

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal AUTOMATIC SHALLOW WELL PUMP IN CENTER OF LOT 5 - BLOCK 8

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. APRIL 15 - 1956 (COMPLETED MAY 1 - 1956)

8. The depth of water table 13 FT. 6 INCHES

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. TWO INCH CASING WITH 3/4 INTAKE PUMP

10. The estimated amount of groundwater withdrawn each year. APP. 700,000 GALLONS

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. NOT ANY RECORDING OF THIS WELL

Signature of Owner Cyril E. Slaby
Date 12-30-1963

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.

397146

CYNIL E. SLAY

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA)
COUNTY OF HILL) ss.
Filed at _____ o'clock P.M.

ON DEC 8 1963
18 Blain
COUNTY CLERK

DEPUTY

FEE: \$2.00 pd.

Form No. 18
8-60

T. 32 N R. 16 E
County Hill

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER
723 14th Street

WATER WELL LOG

Owner Vance T. & Helen M. Warwick Address Havre Montana
Driller Robert McCutcheon Address Havre, Montana
Date Started August 1945 Date Completed August 1945
Location: Sec. Havre--- South Lawm Lot 10 (Block)
T. 32 N R. 16 E $\frac{1}{4}$ sec.

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

Casing: 5 ft. to 104 ft. Type Merchant casing Size 6" 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: Forty nine feet.

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

Pumping water level Fifty six feet at Fourteen gal. per min.

How tested: bailer test

Length of test

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

Vance T. Warwick

(over)

