

T 27N R 21W MPM

No.

County.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner *W. J. Foster* Address *49 E. Main St. Missoula, MT 59801*

Driller *Harmer McClarty* Address *1005 2nd St. Missoula, MT 59801*

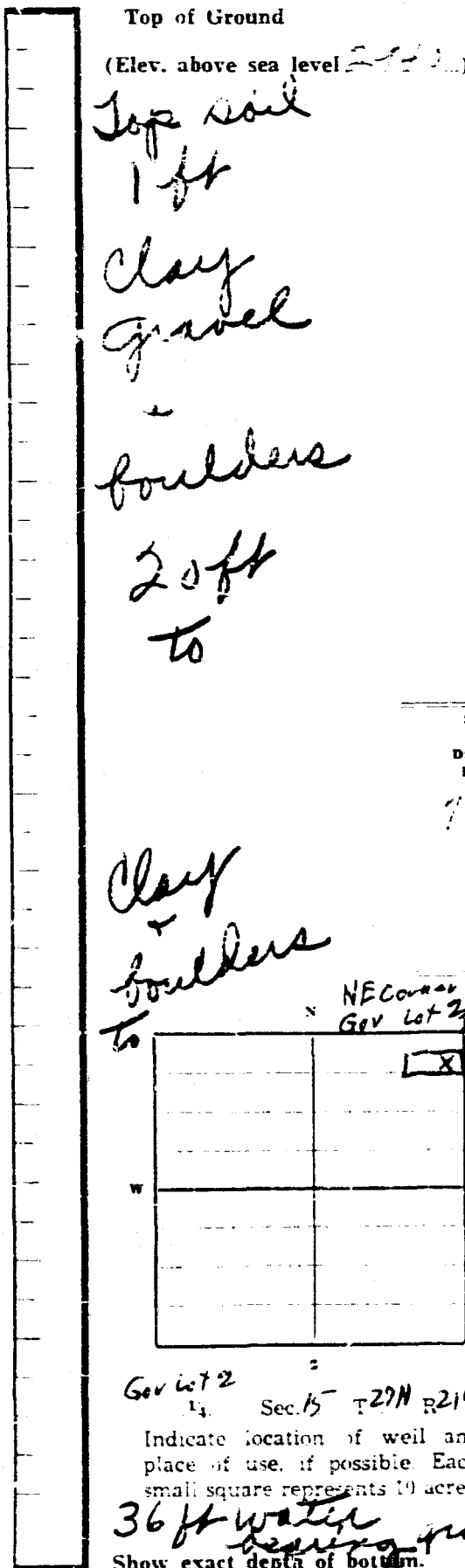
Date of Notice of Appropriation of Groundwater

Date well started *Sept 1967* Date Completed *Nov 1967*

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

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
100	2 1/2"		3574			

Static Water Level for non-flowing Well *21* feet.

Shut-in Pressure for Flowing Well

Pumping Water Level *55* feet at *15* gal. per minute.

Discharge in gal. per min. of flowing well *100*

How Tested *Driller* Length of Test *2 hrs*

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) *100*

Driller's License Number *18*

Driller's Signature *Harmer McClarty*

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 the Appropriator.

4710

STATE OF MONTANA
COUNTY OF FLATHEAD SS
Filed on the 4 day of April
A. D. 1913 at 4:30 o'clock P.M.
G. E. M.
County Clerk and Recorder
By M. J.
Deputy

File No. _____

GW 2

T. 27 N. R. 31 W.

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Calvin Nelson Address Corvair

Driller Homer McIntyre Address 715 1/2 St. N.

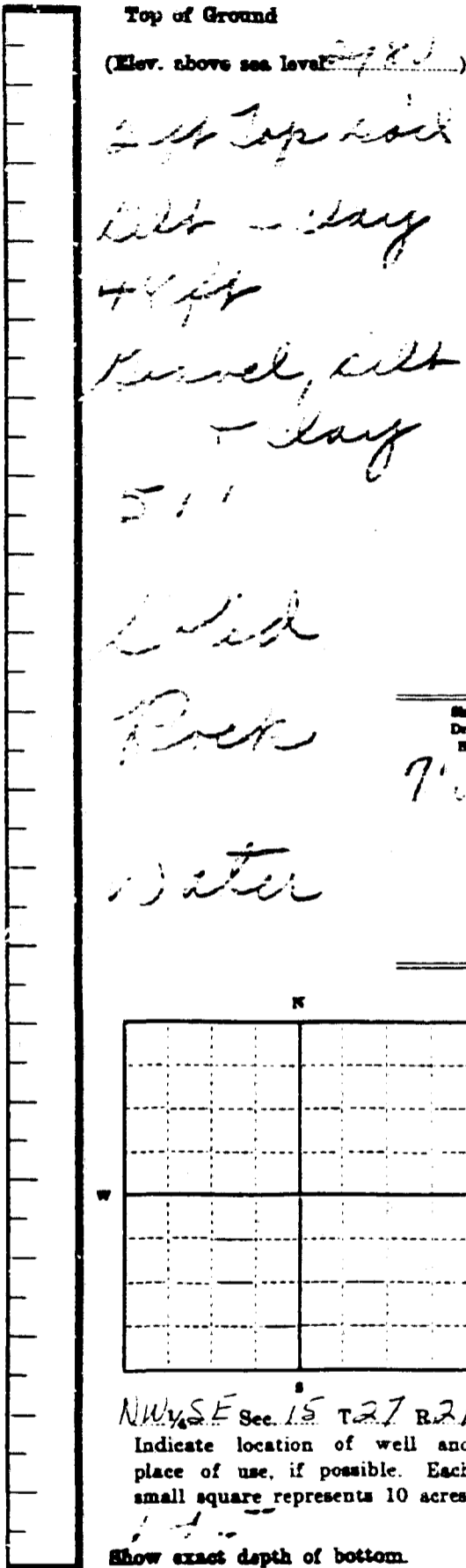
Date of Notice of Appropriation of Groundwater _____

Date well started July 2/69 Date Completed July 14/69

Type of well drilled Equipment Used 2 1/2" Reiger
Cable
(aug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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



Diameter of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7 1/2"</u>	<u>2 3/4"</u>		<u>55</u>			

Static Water Level for non-flowing Well 15 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 6 feet at 8 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Toiler Length of Test 4 hrs

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

Driller's License Number 18
Driller's Signature Homer McIntyre

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

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

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

17,061

STATE OF MONTANA
COUNTY OF FLATHEAD
Filed on the 15 day of Sept
A 2 1969 at 11:50 Clock P M
[Signature]
County Clerk and Recorder
BY *[Signature]* Deputy

File No. _____

GW 2

T. _____ R. _____

County Blaine

SEP 11 1966

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level 6000)



Owner Lucas M. Malcom Address Blaine, MT

Driller James M. Clardy Address Blaine, MT

Date of Notice of Appropriation of Groundwater _____

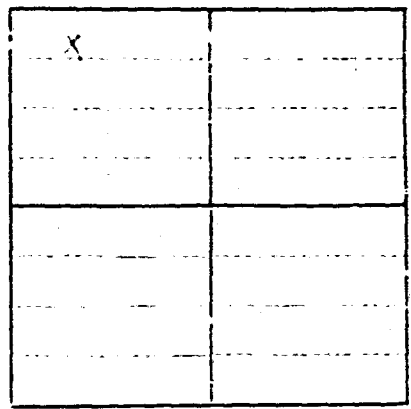
Date well started _____ Date Completed _____

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	
				Kind Size	From (Feet) To (Feet)



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

Static Water Level for non-flowing Well 15 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 15 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested slug test 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)

Driller's License Number 18
Driller's Signature James M. Clardy

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

12566

10 Aug
66 3²⁵ P
BEM
m)

GW1

File No.

T. 27 N. R. 21 W.

ORIGINAL

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 21 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner **Floyd A. Sheldon** Address **Marion Stage, Kalispell**

Contractor (if any) **None**

Address of Contractor **None**

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

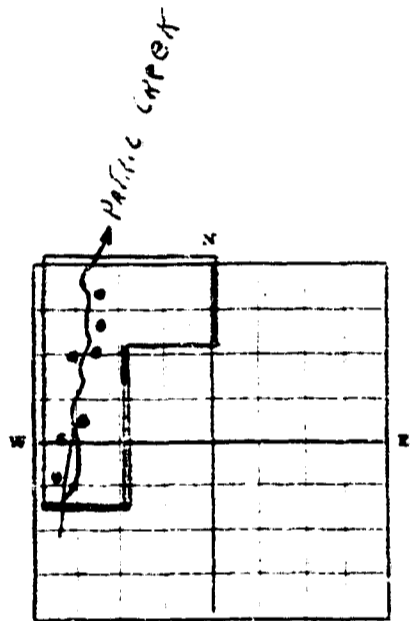
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. **sub-irrigation of low areas -**

by series of ditches and pumps to areas where there is not sufficient sub-irrigation.

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

tent estimate approximate lengths of periods of use

Approximately 1 ft. from each spring.



Lots 1 - 2 - 3

Sec. **7** T. **27** R. **21**

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

Signature of Owner

Floyd A. Sheldon

Date

8/9/63

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

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

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

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

9838

RECEIVED
CITY CLERK AND RECORDER
AUG 16 1963 2:01 P.M.
DEN
[Signature]
Deputy

GW 3

File No. _____

T. 21N R. 21W

Correction of permanent file # 9838

County Flathead

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 STATE ENGINEER

Owner Floyd A. Sheldon Address Marion Stage, Kalispell

Contractor (if any) None

Address of Contractor None

Date Started _____ Date Completed _____

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

by series of ditches and pumps to areas where there is not sufficient sub-irrigation.

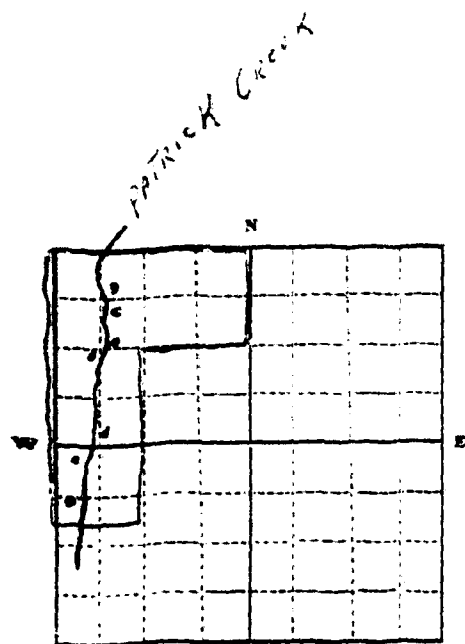
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use _____

Approximately 1 ft. from each spring.

Signature of Owner Floyd A. Sheldon

Date 6/26/64



Lots 1 - 2 - 3
1/4 Sec. 28 T. 27. R. 21W

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.

June 29, 1964

Mr. F. Allen Sheldon
Marion Stage
Kalispell, Montana

Dear Mr. Sheldon:

In your June 25 letter you have requested copies of our ground-water form #4, "Declaration of Vested Groundwater Rights".

The filing on older (vested) ground-water rights is no longer valid, and we are enclosing a memorandum issued by our office which we believe will explain this matter to you. We have checked and underlined in red pencil the most important provisions in our law regarding your request.

If we can assist you further, please call upon us.

Sincerely,

Everett V. Darlington
State Engineer

EVD/ba
Enc.

Please answer all questions. All forms 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.

STATE ENGINEER

June 25, 1964
Kalispell, Montana

Everett Darlington
State Engineer
Mitchell Bldg.
Helena, Montana

Dear Sir:

Please send white, green, yellow, and pink
copies of form GW4 "Declaration of Vested
Groundwater Rights".

Thank you,

F. Allen Sheldon

Mr. F. Allen Sheldon
Marion Stage
Kalispell, Montana

Please advise all questions. All forms 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.

STATE ENGINEER

July 17, 1964

Flathead County Clerk & Recorder
Walispoll
Montana

Dear Sir:

In regards to Declaration of Vested Groundwater Rights
file #9837 filed on the 16 day of August A.D. 1963 at
2 o'clock PM, the description under the drawing reads:
Lots 1 - 2 - 3 Sec. 7 T 27 R XIV.

The description should read as follows:
Lots 1 - 2 - 3 Sec. 18 T 27 R XIV.
Please correct your copies to read as such.

Sincerely,

Floyd A. Sheldon

Floyd A. Sheldon

VAS/js
cc: Everett Burlington, State Engineer, Mitchell Building,
Helena, Montana, 59601
Montana Bureau of Mines and Geology, Butte, Montana

Please answer all questions. All forms 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.

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

County Flathead

STATE OF MONTANA

(Amended)

9537

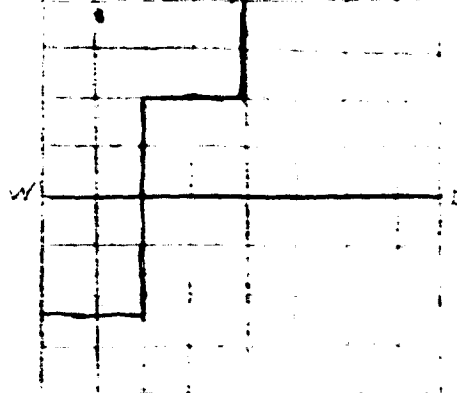
5-16-63

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 137, Montana Session Laws, 1961)

1. Floyd A. Sheldon (Name of Appropriator) of Flathead County (Address) Flathead County (Town) State of Montana

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



Indicate point of appropriation and place of use, if possible. Each small square represents 1/4 acre.

- 2. The beneficial use on which the claim is based is based on... 3. Date of approximate date of earliest beneficial use... 4. The amount of groundwater claimed... 5. If used for irrigation, give the... 6. The means of withdrawing such water... 7. The date of commencement and completion of the construction of the well... 8. The depth of water table... 9. So far as it may be available, the type, size and depth of each well... 10. The estimated amount of groundwater withdrawn each year... 11. The log of formations encountered in the drilling of each well... 12. Such other information of a similar nature as may be useful...

Signature of Owner: [Signature]
Original filing date: 5-16-63
Amended filing date: July 23, 1964

Three copies to be filed by the owner with the County Clerk and recorder of the county in which the well is located. Please answer all questions. If not applicable, so state. Otherwise the form will be returned. Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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

11,466

12 25
12 04 12 33
Henry G. Millhouse
M. J.

3W4

T 27 E. R 21 N.

17

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

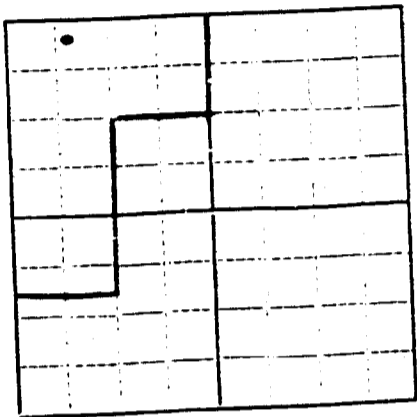
RECEIVED
AUG 21 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Floyd A. Sheldon of Marion Stage Kalispell
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lots 1 - 2 - 3

1/4 Sec. 2 T. 27 R. 21 N

Indicate point of appropriation and place of use, if possible. Each small square represents 1/4 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... approximate 1914 and has been used continuously.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... has been measured up to 15 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... Approximate 1 acre for lawn and garden, Owner Floyd A. Sheldon.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... by electric-jet pump - well is located in basement of house.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... definite date unknown - old times in neighborhood believe George V. Steck is about 1914 or 1915.

8. The depth of water table... 20 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... 10 in. concrete casing approximate 30 ft.

10. The estimated amount of groundwater withdrawn each year... unknown

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

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

Floyd A. Sheldon

Date

8/2/63

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

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

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

9837

STATE OF MONTANA 35
COUNTY OF FLATHEAD

Filed on the 16 day of Aug
A. D. 1963 at 2 o'clock P. M.

H. M.
County Clerk and Recorder

By *BT*
Deputy

14,224

STATE OF MONTANA
COUNTY OF FLATHEAD SS
Filed on the 26 day of Oct
A. D. 1970 at 2 o'clock P.M
County Clerk and Recorder
By M. J. Deputy

County Flathead
DRILLER'S LOG
Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

ADMINISTRATOR OF GROUNDWATER
MONTANA WATER RESOURCES BOARD
OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
Chapter 237 Montana Statutes
to be prepared by driller, and three copies to be filed with the County Clerk and Recorder in the county in which well is located, last copy to be retained by driller. If not applicable, so state, otherwise the

RECEIVED
OCT 27 1970

Top of Ground

From (feet)	To (feet)

RECEIVED

County Flathead

OCT 27 1970

DRILLER'S LOG

MONTANA
INSTITUTE OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED

NOV 9 1970

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Kenneth E. Fuller

Address MINN Stage

HabsPELL, Montana (59101)

Date well started

completed

For Administrator's Use	
File	<u>14223</u>
Date	<u>October 26, 1970</u>
Time	<u>2:30 P.M.</u>
Well No.	<u>GW 1</u>

Type of well

(Dig, driven, bored or drilled)

Equipment used

Hot N Drill

(Chain, wire, rotary or other)

Water Use: Domestic

Municipal

Stock

Irrigation

Industrial

Drainage

Other

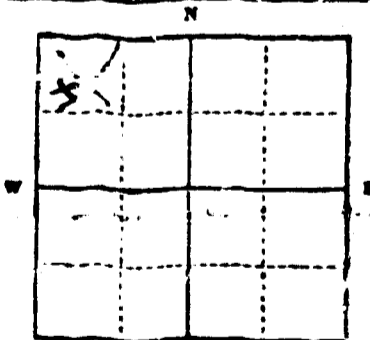
Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 25,550 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
		<u>2</u>	<u>45</u>	<u>OPEN</u>		
		<u>50</u>		<u>BOTTOM</u>		



Static water level 21 ft.*
 Pumping water level 28 ft.*
 at 8 gallons per minute,
 measured _____ minutes after pumping
 began.
 *Measured from ground level.
 Well developed by Drill
 for 3 hours.
 Power _____ Pump _____ HP
 Remarks: (Gravel packing, cementing,
 packers, type of shut-off)

N/2, 1/4, N/4, 1/4 Sec 19
T. 27, N. R. 2, E. 2

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

Driller's Signature [Signature]

Driller's Address 226 4th 1970 - W

Phone 251 LICENSE NO. 26

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
		<u>soil</u>
		<u>5-10 silt & gravel</u>
		<u>25-40 clay</u>
		<u>40-45 gravel & silt</u>

Show exact depth of bottom

47680

File No. _____

GW 4

T. _____ R. _____

County _____

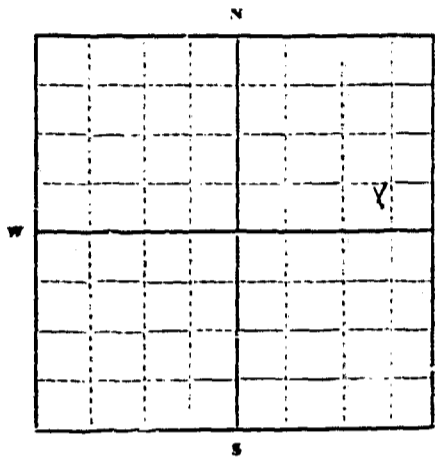
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Jay H. Goodwin of Box 44 Somers
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 23 T27 R21

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

- The beneficial use on which the claim is based Household and garden irrigation and livestock
- Date or approximate date of earliest beneficial use; and how continuous the use has been this well was installed and in operation when I acquired this property
- The amount of groundwater claimed (in miner's inches or gallons per minute) unknown
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof one acre in immediate vicinity of well
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric operated piston pump location 20 ft. South of S.W. Corner of house
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater prior to my acquiring property
- The depth of water table unknown
- 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 sand points four feet apart depth unknown
- The estimated amount of groundwater withdrawn each year 97,250 gallons
- The log of formations encountered in the drilling of each well if available believed to be sand
- 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 Jay H. Goodwin
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.

23027

10853

63 31 Dec
12 P
DC M
14

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Naomi E. Goodwin
Jay Goodwin

Address Box 44
Somers, Montana

Date well started 10/26/72
completed 10/1/72

For Administrator's Use	
File	<u>14,617</u>
	<u>Feb. 14, 1973</u>
GW 1	<u>1:10 P.M.</u>

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

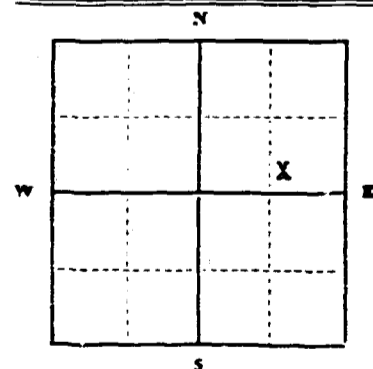
Equipment used Air Rotary
(Churn drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL 22,246,000 Gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	5/8" OD 1/4" wall	+2	243'	N O N E		



SE 1/4 NE 1/4 Sec. 23
T. 27 N. R. 21 E
S W

Static water level 14' 10" ft.*
Pumping water level 68' ft.*
at 40 gallons per minute,
measured 90 minutes after pumping
began.

*Measured from ground level.
Well developed by air surge
for 2 1/2 hours.

Powered diesel Pump 150 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) All water

entering well through cracks
and seams in the rock below
249 feet. Wells in this area
can be depended upon to (CONT.)

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

Driller's Signature [Signature]

Driller's Address LIBERTY DRILLING & PUMP CO.

KALISPELL, MONTANA LICENSE NO. 52

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground Approx. (Elev. above sea level) 2910

From (Feet)	To (Feet)	
0	1	Dirt
1	43	Tan silty sand
43	81	Gray silty sand
81	193	Tan silty clay
193	238	Tan & red silty clay
238	245	Sand & fine gravel mixed in tan silty clay
245	249	Gray rock
249	255	Broken brown rock. Water

255' Show exact depth of bottom

produce clear sand free water year after year, as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

RECEIVED
BY: *SM*
DATE: *4/23* 1973
TIME: *1:15* P.M.
COUNTY CLERK AND RECORDER

14617

File No.

GW:

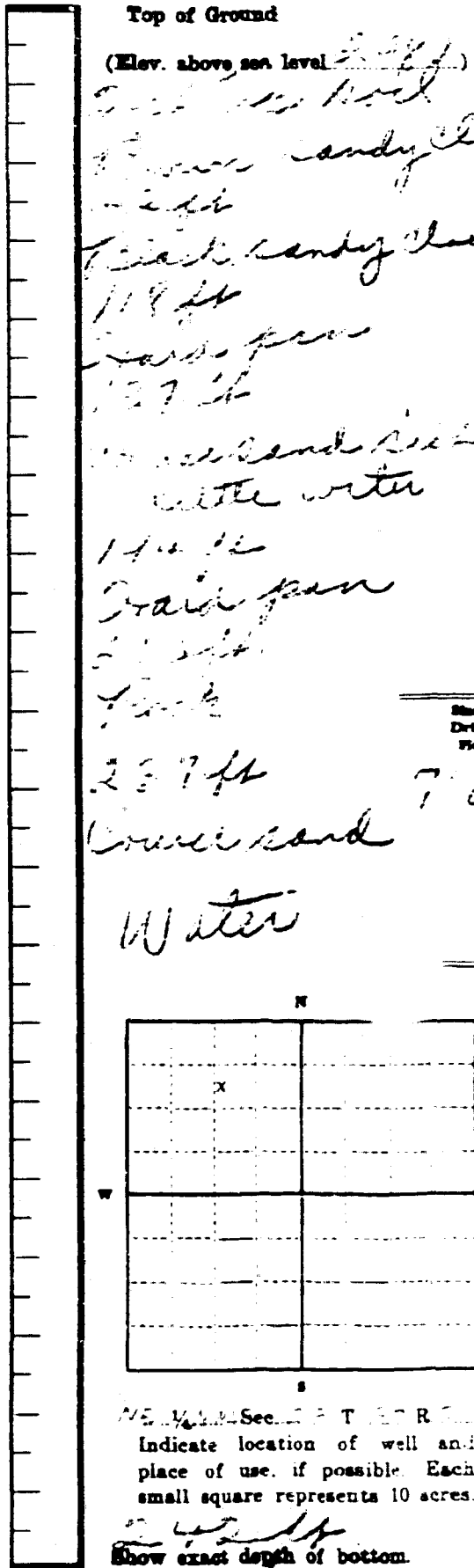
T. R.

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner: Chris Ferguson

Driller: Home M. C. Clarity Address: 745-12th St

Date of Notice of Appropriation of Groundwater:

Date well started: July 14/68 Date Completed: July 24/68

Type of well: Drilled Equipment Used: 2 1/2" Rotary Driller
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
7" OD	2 1/2"	0	237			

Static Water Level for non-flowing Well: 20 feet

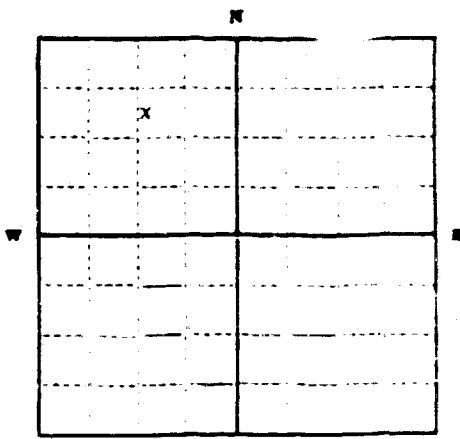
Shut-in Pressure for Flowing Well:

Pumping Water Level: 142 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Ball Length of Test: 3 hr

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)



NE 1/4 Sec. 10 T. 23 N. R. 10 W.
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number: 18
Driller's Signature: Home M. C. Clarity

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

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

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

13,840

STATE OF MONTANA | SS
COUNTY OF FLATHEAD | SS

Filed on the 30 day of July
A. D. 1968 at 2:10 o'clock P. M.

S. E. M.
County Clerk and Recorder

By M. J.
Deputy

File No. _____

GW 4

T. 11 R. 21

County _____

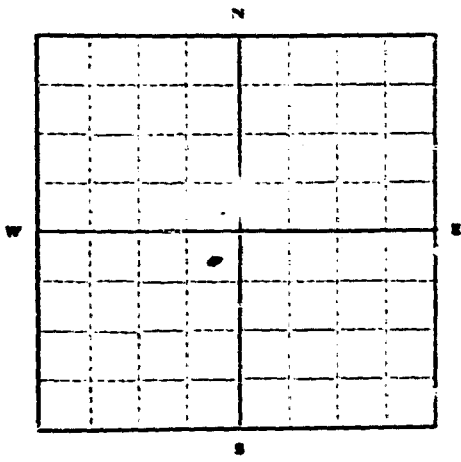
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Robert J. Adams of Somers
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 24 T. 21 R. 21

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 hold garden and lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1926 - continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 150 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 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 did the work in 1926 myself driven sandpoint well in basement

8. The depth of water table 22 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 only one well

10. The estimated amount of groundwater withdrawn each year 100,000 gallons

11. The log of formations encountered in the drilling of each well if available such 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 none that I know of

Signature of Owner Robert J. Adams
Date 12/30/63

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 and Geology and Quadruplicate for the Appropriator.

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Klein & Millhouse
Arch

14,750

STATE OF MONTANA)
COUNTY OF FLAHERTY) SS
Filed on the 27 day of June
A. D. 19 22 at 10⁰⁰ o'clock A. M.
WT
County Clerk and Recorder
57 30

19762

STATE OF MONTANA
COUNTY OF FLATHEAD SS

Filed on the 29 day of June
A.D. 19 76 at 8 o'clock A.M.

MS
County Clerk and Recorder

By MS

File No. _____

SW 1

T. 27 R. 21

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

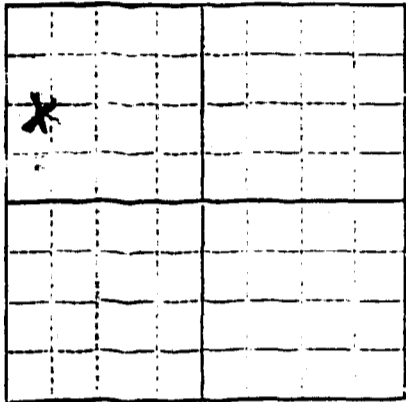
RECEIVED
JAN 8 1964
STATE ENGINEER

Virginia E. Anderson

I, Royden E. Anderson and/or of Box # 7 Somers,
(Name of Appropriator) (Address) (Town)

County of Flathead State of Montana

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



S.W. 1/4 Sec. 24, T. 27, R. 21.

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 live-stock, and one-half acre garden.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. June 25, 1895
this same well has supplied water to the occupants of this premises since this date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). one and one-third gallons per minute, (per hr. approximately 800 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. only for 1/2 acre of garden, owned by ourselves.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Centrifical pump-with sandpoint.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater in this same place, where the well is now also, it was merely a hand pump, until in 1916, this well was cribbed by Gaetano Felmini, resident of the same place.
8. The depth of water table. 32 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. The Type is:-driven sand point.
The size is:-1 1/2 inch pipe.
The depth is:-thirty-two feet. (ground level).
10. The estimated amount of groundwater withdrawn each year. 93,400 gallons per year.
11. The log of formations encountered in the drilling of each well if available. Sand and clay- (layers of clay and sand).
It is not a drilled well: but a driven sand point, consisting of 23 feet pipe, including a three foot sandpoint.
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. In this respective area, the water users have this similar type system.

Signature of Owner Virginia E. Anderson

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.

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File No. _____

GW # _____

T. 27 R. 21

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

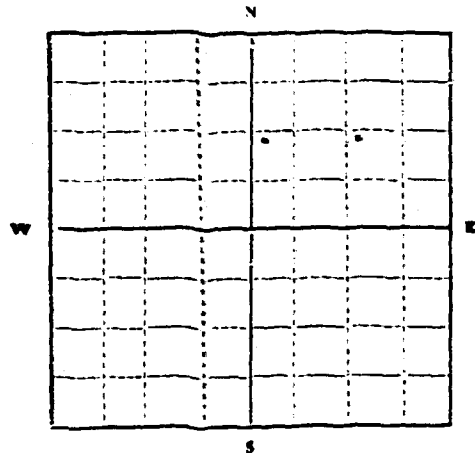
RECEIVED
JAN 8 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James A. Roberts & Sons & Daley of Somers SOMERS
(Name of Appropriator) (Address) (Town)

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



5 1/2 NE 1/4 Sec 24 T. 27 R. 21

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 Some use and stock water (livestock)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1900 and used ever since old building site. New building site Oct 1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal per minute home use new site. 20 gal for stock old home site

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 For lawn use sprinkler

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Old home site 1900. New home site Oct 1955

8. The depth of water table 25' and 30'

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 Old home site 25' depth 1 1/2" sandpoint driven. New home site 30' depth 1 1/2" sandpoint driven

10. The estimated amount of groundwater withdrawn each year 500,000 gal old home site, 80,000 gal new site

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

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

Signature of Owner James A. Daley
James A. Daley
Date Dec 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.

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GW 3

File No. _____

T27 N R 21 W

ORIGINAL

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 17 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-12-63

Owner Joe A. DeLong Address Somers Montana

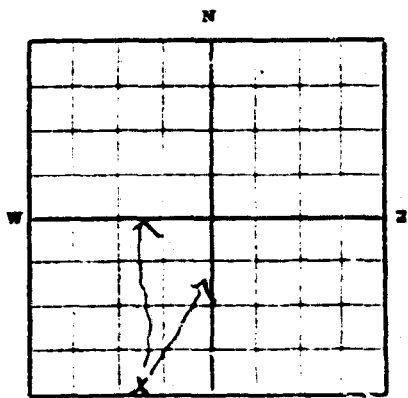
Contractor (if any) Joe A. DeLong

Address of Contractor Somers Montana

Date Started June 1963 Date Completed Sept 1963

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

A Sump Hole 8 Feet Deep - water approx. 5 Feet Deep



Approp.
N.W. 1/4 Sec. 24 T. 27 N. R. 21 W.

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

Electric irrigation pump; output - 400 gal. per minute; use from May thru Aug. each year 24 hours a day.

Signature of Owner Joe A. DeLong

Date 12-12-63

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

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

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

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

1030

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STATE OF MICHIGAN
COUNTY OF FLAING

Filed on the 16 day of Dec
A.D. 19 43 at 8³⁰ o'clock A.M.

G. B. M.
County Clerk and Recorder

By MT Deputy

File No. _____

GW 4

T. 27 N. R. 21 E.

County Flourish

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

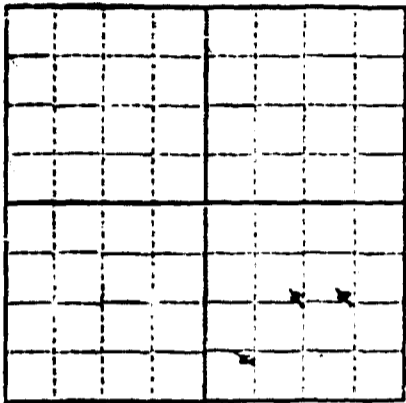
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Wm. R. [unclear] of Billings Montana
(Name of Appropriator) (Address) (Town)
County of Flourish State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:



3 wells in SE corner of
NW 1/4 Sec 24 T. 27 N. R. 21 E.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been in Billings 1900
at least 1925
at least 1925

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3000 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 irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal at least 100 ft deep
at least 100 ft deep

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater see above - it 2

8. The depth of water table 100 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater at least 100 ft deep
at least 100 ft deep

10. The estimated amount of groundwater withdrawn each year at least 1000 gpm

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

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 Wm. R. [unclear]

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.

10, 139

County Clerk and Recorder
By *AC* Deputy

File No. _____

GW 4

T. 21 N 21 R 21

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

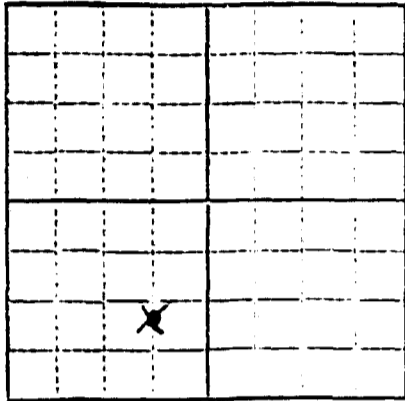
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Russell or Joyce De Long of Montana Tomers
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 24 T 27 R 21

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 water for stock and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900 up to the date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) less 6 gal. each minute or 375 gal. each hour

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof garden 1/4 acre

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater the well driven in about 1900

8. The depth of water table about 20 ft below ground level

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 about 23 ft below ground level

10. The estimated amount of groundwater withdrawn each year 540,000 gallons each year

11. The log of formations encountered in the drilling of each well if available about three clay hard pans and then real fine 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 Book 436 page 210

Signature of Owner Joyce De Long
Russell De Long
Date 12-29-63

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.

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30 Dec
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File No.

STATE WATER CONSERVATION BOARD
R E C E I V E D
JUL 22 1965

GW 2

T. R.

County Flathead

REFERRED TO

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level 7100)

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner Donald D. Smith Address Lawrence, Mont

Driller Homer McClary Address 745 1st St

Date of Notice of Appropriation of Groundwater

Date well started June 24/65 Date Completed July 10/65

Type of well Drilled Equipment Used 2 1/2" Buege
Erie
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

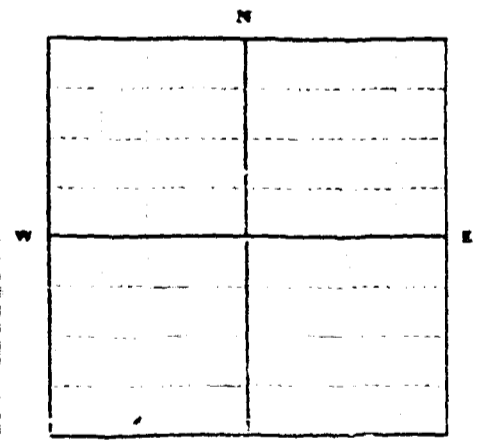
Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Sand
250 ft
rock

259 ft
water
course
sand

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7" 5/8"</u>	<u>2 3/4"</u>		<u>264</u>			



SN 4 NW 1/4 Sec 24 T27 R1W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 23 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 20 feet at 400 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bar Length of Test 6 hrs

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

18
Driller's License Number
Homer McClary
Driller's Signature

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

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

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

11,852

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65¹⁹ 10¹⁰ July
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m. 2.

File No. _____

GW 4

T. _____ R. _____

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

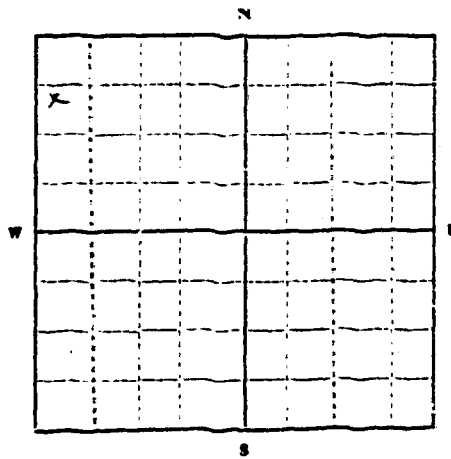
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Roy V. Hansen of Box 87 Somers
(Name of Appropriator) (Address) (Town)
County of Fitzhugh State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



North 25 Sec. 25 T. 22 R. 21

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

2. The beneficial use on which the claim is based for household lawn and small garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1917 the first well it was abandoned in 1925 for the present well

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 150

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

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric jet pump

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

8. The depth of water table 12 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 It is a driven sand point located on pump house, near the home. It supplies water for two houses on the same place. Depth about 30 ft.

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

11. The log of formations encountered in the drilling of each well if available Quick 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 none that I know of

Signature of Owner Roy V. Hansen

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.

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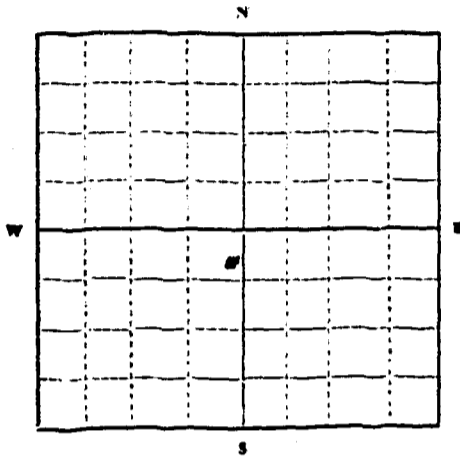
RECORDED AND INDEXED
OFFICE OF THE CLERK OF THE SUPREME COURT
ON the 31 day of Dec
1963 at 8:50 AM
C. M.
Clerk of the Court
Drew

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Judith A. Hoppe of Liberty
(Name of Appropriator) (Address) (Town)
County of Beaumont State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 24 T. 21 R. 24

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 Personal
garden & lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1919 continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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
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 I don't know. Well was there when we bought the place. We repaired drilling with brass and cement floor and electric pump.

8. The depth of water table 2 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 see how hole the one well

10. The estimated amount of groundwater withdrawn each year 1000 gallons

11. The log of formations encountered in the drilling of each well if available No special difficulties
and I don't know except probably quick 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 I don't know what is needed

Signature of Owner Judith A. Hoppe

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.

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Glen & Malhouse
Keith

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File No. _____

GW 2

T B
County Flathead

1966

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Somer School Dist #9 Somer Mont. Address _____

Driller James McClarty Address 945 - 8th St

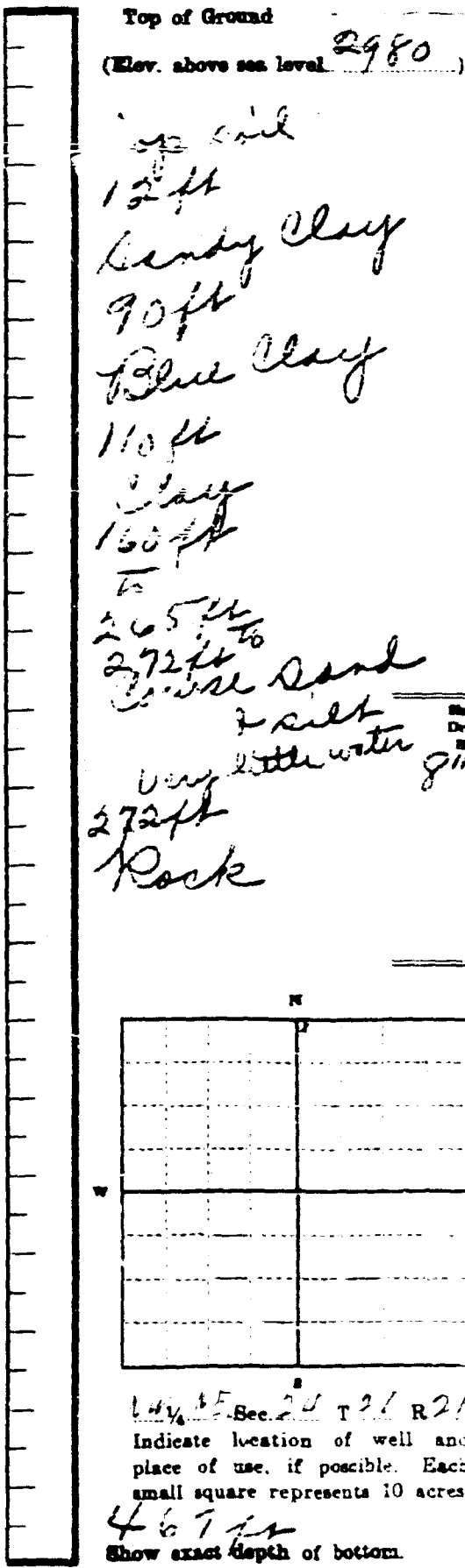
Date of Notice of Appropriation of Groundwater _____

Date well started May 23 1964 Date Completed July 28/64

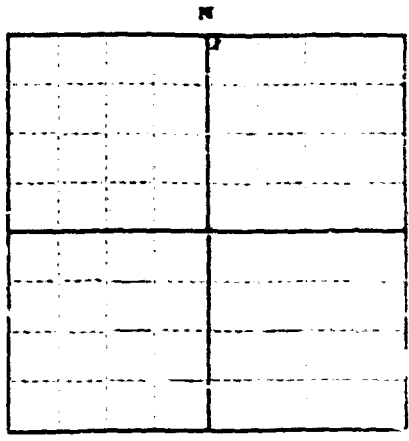
Type of well Drilled Equipment Used 2 1/2" Sully's
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind and Size	From (Feet)	To (Feet)
8" 20	2.5"		272 ft			



46 T 21
Show exact depth of bottom.

Static Water Level for non-flowing Well 12 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 107 feet at 33 1/2 gal per minute.

Discharge in gal. per min. of flowing well _____

How Tested Locking Pump length of Test 2 1/2 hrs

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

18
Driller's License Number
James McClarty
Driller's Signature

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

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

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

13131

STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 9 day of Feb
A. D. 1908 at 4:30 o'clock P M

[Signature]
County Clerk and Recorder

By *[Signature]* Deputy

File No.

GW 4

T. _____ R. _____

County _____

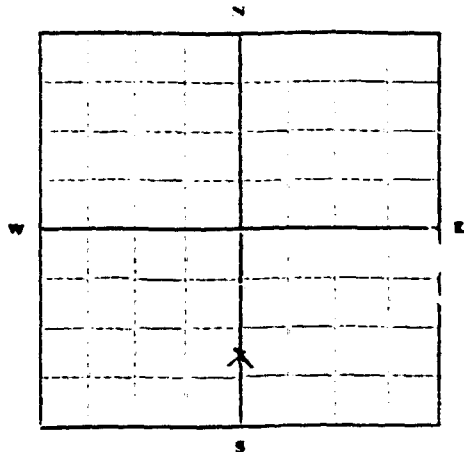
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 5 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Norman or Lois Heland of Montana Somers
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 1/4 Sec 27, T27, R21

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 1900 up to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons per minute or 350 gallon per day

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 located at the back corner of my house

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1900

8. The depth of water table 20 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 Driven well 24 ft deep

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

11. The log of formations encountered in the drilling of each well if available 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 B-436 p 191

Signature of Owner Norman Heland
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.

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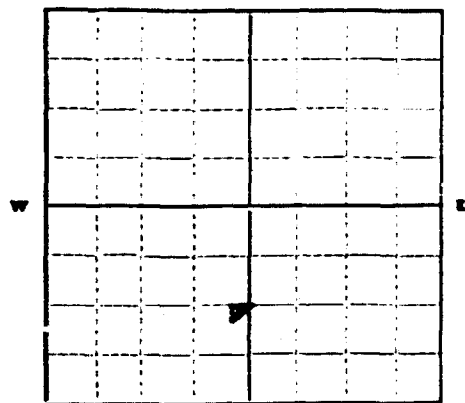
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Francis A. and/or Geneva J. Van Dinsum
(Name of Appropriator) of _____ (Address) _____ (Town)
County of Flathead State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SW 1/4 Sec. 24 T. 27 R. 21

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 yard, garden, potatoes
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1925 & has been continuous since
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal per hr over 24 hrs
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof used on this property to irrigate approximately 2 1/2 acres of potatoes plus garden
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal a centrifugal pump on the north side of place

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1925

8. The depth of water table 21'

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 a centrifugal pump with a 7' dug well 4' x 4' & a driven sandpoint of about 14'

10. The estimated amount of groundwater withdrawn each year 470,400

11. The log of formations encountered in the drilling of each well if available Topsoil & 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 this well was dug in 1925 & is the third well on this place the other two being next to the house.

Signature of Owner Francis A. Van Dinsum
Date December 27-1963

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

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

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