

GA

File No. _____

T. _____ R. _____

DUPLICATE

County _____

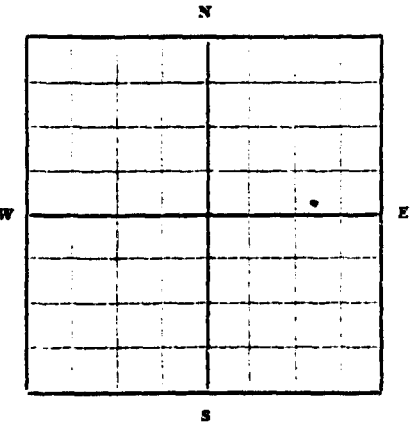
STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECEIVED
 JAN 6 1964
 STATE ENGINEER

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

I, _____, of _____, _____
 (Name of Appropriator) (Address) (Town)

County of _____ State of _____
 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 _____
3. Date or approximate date of earliest beneficial use; and how continuous the use has been _____
4. The amount of groundwater claimed (in miner's inches or gallons per minute) _____
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 _____
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater _____
9. The depth of water table _____
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater _____
10. The estimated amount of groundwater withdrawn each year _____
11. The log of formations encountered in the drilling of each well if available _____
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Ronald E. Louck
 Signature of Owner *Ronald E. Louck*
 Date *Dec 26 - 1963*

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

10. 283

27 see
63 143 P
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g. p.

2012 27

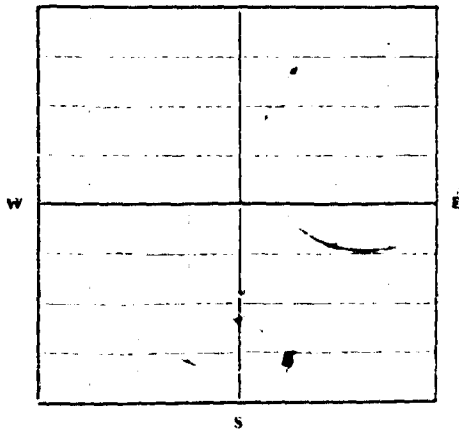
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JUL 24 1963
STATE ENGINEER

I, Hollister P. or L. Marie McVay of Box 1, Flathead
(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 S27 T29 R20

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, Lawn, Garden, Livestock
- Date or approximate date of earliest beneficial use; and how continuous the use has been... Unknown but many many years in continuous use.
- The amount of groundwater claimed (in miner's inches or gallons per minute)... 10 gallons per minute
- 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 garden 1/2 acre lawn
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Electrical centrifugal pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Unknown
- The depth of water table... 2 1/2 Feet
- 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... 2 inch Sandpoint Driven 2 1/2 feet
- The estimated amount of groundwater withdrawn each year... 60,000 Gallons
- The log of formations encountered in the drilling of each well if available... 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 Hollister P. McVay
L. Marie McVay
Date July 9, 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.

9800

STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 12 day of July
A. D. 1962 at 1:40 o'clock P. M.

487
County Clerk and Recorder

By [Signature] Deputy

14736

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 26 day of Jan
A. D. 1933 at 3:30 Clock P.M.

MT
County Clerk and Recorder

By DP
Deputy

File No.

GW#

T 29 N R 20 W

County Flathead

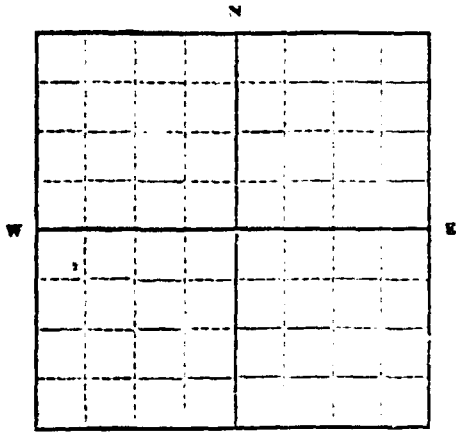
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. A. Harold Small of Route #4 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:



NE 1/4 SW 1/4 Sec 27 T29N R20W
1/4 Sec. T. R.

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 Irrigation
- Date or approximate date of earliest beneficial use; and how continuous the use has been August 5, 1952 - Used every season since
- The amount of groundwater claimed (in miner's inches or gallons per minute) 1500 Gal Per Min.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 320 acres SW 1/4 21 29 20, SE 1/4 21 29 20, NE 1/4 28 29 20, NW 1/4 27 29 20, Trust in Trust, 28 29 20, 160 acres NE 1/4 5 28 20, Owned by Harold Small, 120 acres E 1/4, and 1/4 of SW 1/4 28 29 20 owned by Virginia Jaeger, 40 acres NW 1/4 27 29 20 owned by M. L. Bear.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced on ~~August 5, 1952~~ August 5, 1952; completed on June 4, 1953
- The depth of water table 70 Feet
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well; 12 inch casing to 240 feet; 10 inch casing to 506 feet. Casing perforated from 65' to 80'; from 140' to 205'; from 410' to 425'
- The estimated amount of groundwater withdrawn each year 1,500 gallons per minute throughout irrigating season
- The log of formations encountered in the drilling of each well if available Surface to 5' surface loam; 5' to 48' gray and yellow river mud; 48' to 65' sand & gravel; 65' to 142' gray conglomerate; 142' to 148' fine sand; 148' to 160' coarse sand & gravel; 160' to 165' sand; 165' to 174' dirty sand; 174' to 192' gray conglomerate; 192' to 197' gravel; 197' to 204' fine sand; 204' to 345' gray conglomerate; 345' to 350' fine sand; 350' to 411' gray clay & rock
- 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 411' to 422' fine sand; 422' to 432' sandy clay; 432' to 460' gray conglomerate; 460' to 485' blue clay and rocks; 485' to 506' gray conglomerate.

Signature of Owner A. Harold Small

Date 12 2 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.

10,264

RECEIVED
FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE
DATE OF THE 27
R. O. 1963 1156
J. G. M.
J. G. M.

File No. _____
DUPLICATE

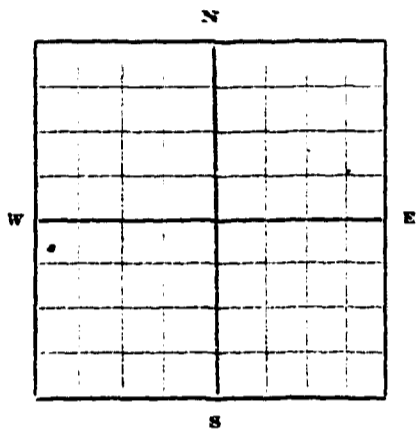
T 29 N R 20 W
County Flathead

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 6 1964
STATE ENGINEER

1. A. Harold Small of Route 4 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:



~~NW 1/4 SW 1/4~~ Sec 27 T 29N R 20W

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 Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approx 1943
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 Gal Per Min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Unknown
8. The depth of water table 70 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well, 6 5/8" casing to approx 200 ft.
10. The estimated amount of groundwater withdrawn each year Ave. approx 2500 Gal Per day
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner A. Harold Small

Date Dec 27, 1963

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

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

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

10,263

21
1063
AEM
JSH

No. _____

T. 29 R. 20
County Flathead

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)

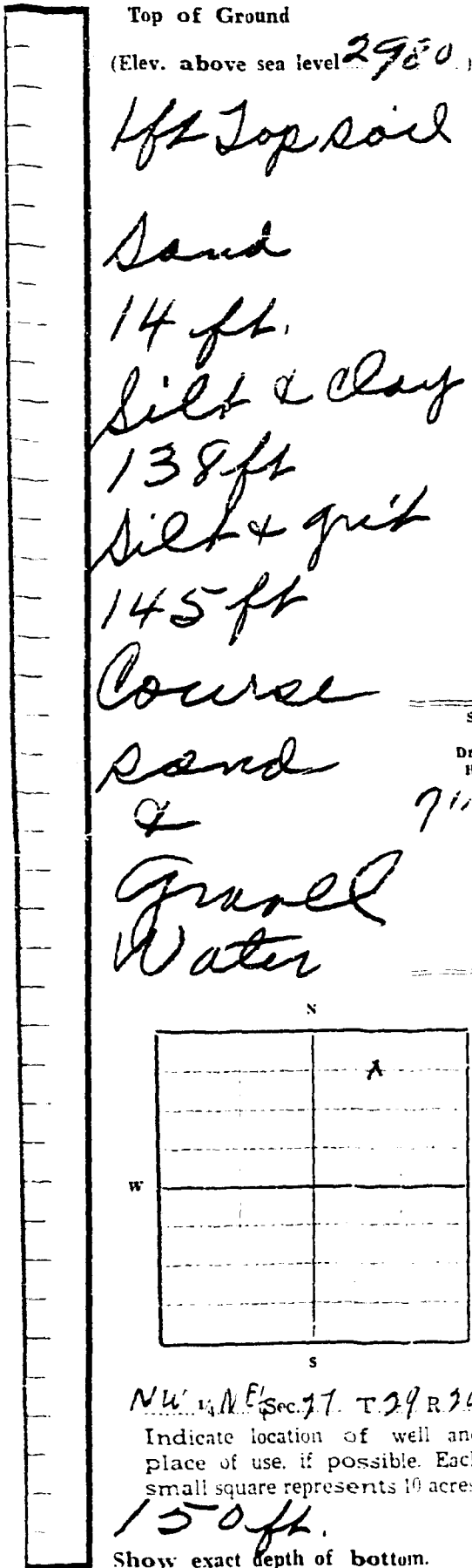
Owner Darrell Strait Address Rt
Driller Homer McClarty Address 945-8th St

Date of Notice of Appropriation of Groundwater _____
Date well started Aug. 2/68 Date Completed Aug 7/68

Type of well Drilled Equipment Used 22 WTBurman
Eric
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 1/2 inch	2 3/4 inch		150 ft			

Static Water Level for non-flowing Well 49 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 130 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Boiler Length of Test 3 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 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 School of Mines and Quadruplicate for the Appropriator.

13,872

STATE OF MONTANA
COUNTY OF FLATHEAD IS

Filed on the 28 day of Aug
A. D. 1968 at 11¹⁵ o'clock A. M.

S. E. M.
County Clerk and Recorder

By M. J.
Deputy

File No.

RECEIVED T. 29 N. R. 20
MAY 10 1964
County Flathead

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

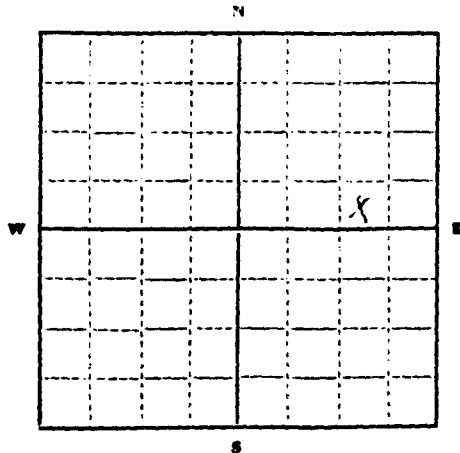
RECEIVED
JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Arthur H. Weaver of Rt. 4 Kalispell
(Name of Appropriator) (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:



..... 1/4 Sec. 27, T. 29, R. 20
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 livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1935 Continuous ever since

4. The amount of groundwater claimed (in rainer's inches or gallons per minute) All that is needed or from fifty gallons

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Mar. 1935 May 1935

8. The depth of water table 169

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

10. The estimated amount of groundwater withdrawn each year All that is needed about 400 000 gallons

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 Arthur Weaver
Date Dec 24 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, 4/16

30 Dec
A.D. 1963-12-30 P.M.
JEM
JWH
Deputy

File No.

GW 4

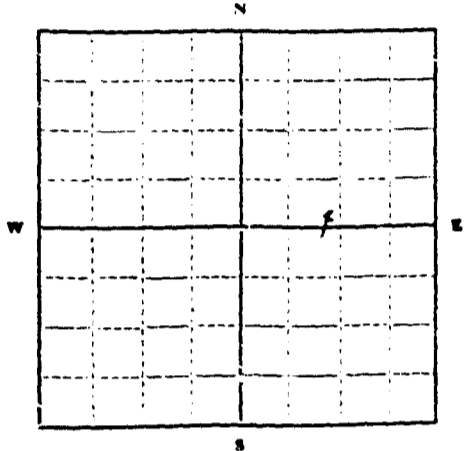
T 29 N R 20 W
County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Mr. Matilda Wilson
1. Chuter B. Wilson of Rt 4 Kalispell
(Name of Appropriator) (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:



Rt 4 Sec 27 T 29 R 20
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 use of water to irrigate and stock feed
 3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 50 years
 4. The amount of groundwater claimed (in miner's inches or gallons per minute) about 25
 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof about 1 acre and 1/2 in 27, 28, 29, 20
 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal with an electric pump
 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater about 1914
 8. The depth of water table 26
 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 gr
 10. The estimated amount of groundwater withdrawn each year 90 000
 11. The log of formations encountered in the drilling of each well if available 66 feet
 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 Chuter B. Wilson
Date Dec 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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#532

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63 255
E. E. McChane
Chick

CW 2 14344
 File No. 14344
 County ...

Township ...
 County ...

QUADRUPPLICATE

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)

Owner Address

Driller Address

Date of Notice of Appropriation of Groundwater

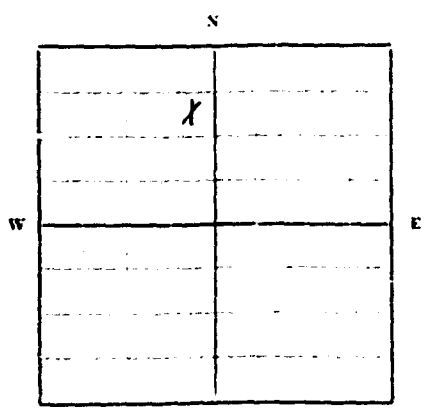
Date well started Date Completed

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

Water Use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other

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

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



NE 1/4 Sec 28 T29 R20
 Indicate location of well and place of use, if possible. Each small square represents 1/4 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well feet.

Shut-in Pressure for Flowing Well

Pumping Water Level feet at gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Length of Test

Remarks: (Gravel packing, cementing, packers, type of shutoff, 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
Henry McCreary
 Driller's Signature

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

14341

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 9th day of Nov
A. D. 1971 at 2:15 o'clock P M

[Signature]
County Clerk and Recorder

By [Signature]
Deputy

File No.

GW 2

T. 29 N. R. 17 E.

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)

Top of Ground
(Elev. above sea level 2780)

1' Clay

4' Gravel

4' Clay shale

13' Gravel shale - clay

35' Clay shale

42' Water sand + gravel

54' Sand - gravel water

80' Silt shale

85' Clay shale

125' Clay shale

204' Sand gravel + water (perforated)

279'

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.

Owner James M. Clardy Address Blaine, Montana

Driller James M. Clardy Address Blaine, Montana

Date of Notice of Appropriation of Groundwater

Date well started April 1/68 Date Completed June 3/68

Type of well Drilled Equipment Used 2 1/2" 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.

Kind Size	PERFORATIONS	
	From (Feet)	To (Feet)
	25 1/2'	76'
	209'	279'

Static Water Level for non-flowing Well 30 feet.

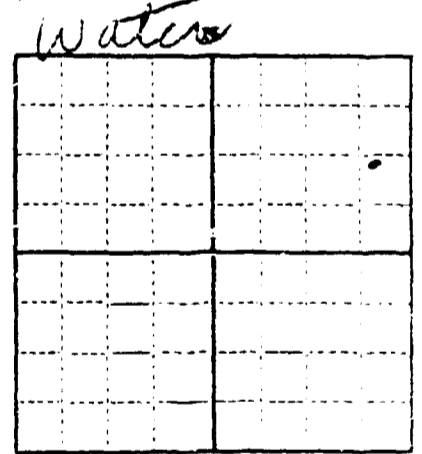
Shut-in Pressure for Flowing Well

Pumping Water Level 42 feet at 500 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Test pump Length of Test 2 days

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) 400



N 1/4 NE 1/4
S.E. 1/4 NE 1/4 Sec. 28, T. 29 N., R. 17 E.
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 17
James M. Clardy
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.

13825

STATE OF MONTANA |
COUNTY OF FLATHEAD | SS

Filed on the 11 day of July
A. D. 1925 at 3:50 Clock P. M.

[Signature]
County Clerk and Recorder

By [Signature]
Deputy

GW3

File No.

DUPLICATE

T 21 R 20 28

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 6 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

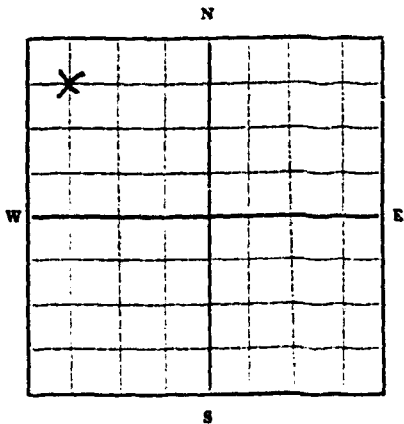
Date of Appropriation of Groundwater Aug 19, 1963

Owner Arthur W Motilka Address Columbia Falls
- R#1A Mont.

Contractor (if any)

Address of Contractor

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



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

Natural Underground Spring Depth of Five Feet.

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

N.W. 1/4 NW Sec. 28 T. 29 R. 20

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

tent estimate approximate lengths of periods of use

Used from Six to Eight Months a year. March through Oct.

Signature of Owner Arthur W Motilka

Date Aug 19, 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 School of Mines and Quadruplicate for the Appropriator.

9839

STATE OF MONTANA) SS
COUNTY OF FLATHEAD)

Filed on the 19 day of Aug
A. D. 1963 at 3:30 o'clock P.M.

GEM
County Clerk and Recorder

By M. J. Deputy

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

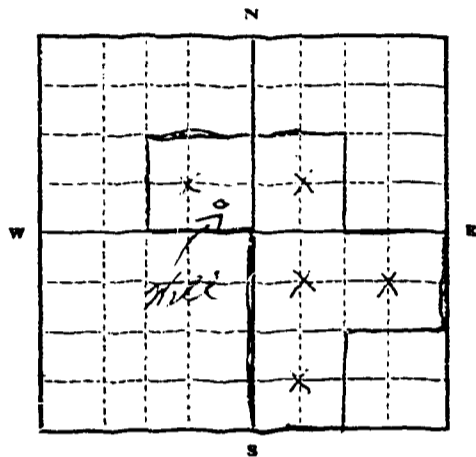
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964

STATE ENGINEER

1. Maudie B. Whitney of Bigfork, Montana
(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:



1/4 Sec. 28 29 R20

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 irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous daily since 1914

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 gals. per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof SE 1/4 of NW 1/4 and SW 1/4 of NE 1/4 and N 1/2 of SE 1/4 and SW 1/4 of SE 1/4 of Sec. 28, T. 29 N., R. 20 W., M.P.M., owned by Maudie B. Whitney

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1914 to 1962

8. The depth of water table 160 ft. depth of water in well, 40 ft. 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 6" casing, 200 ft. deep.

10. The estimated amount of groundwater withdrawn each year 120,000 gals

11. The log of formations encountered in the drilling of each well if available none available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not known

Signature of Owner Maudie B. Whitney
Arthur B. Whitney
Date 12-28-63

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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GW 4

T 29 N R 20 W

County Flathead

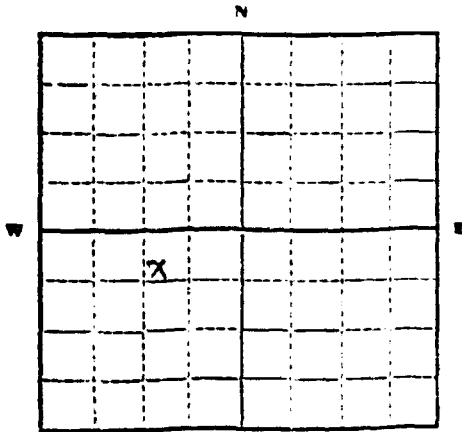
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 30 1963
STATE ENGINEER

1. ~~Mr. J. J.~~ Harold F. Jaeger of Route #4, Kalispell, Montana
(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:



NW 1/4 SW 1/4 Sec. 28 T 29 N R 20 W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... October 20, 1953 - used continuously since

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Commenced on September 25, 1953 - finished on October 19, 1953

8. The depth of water table... 21 Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... Drilled well; 7 inch casing; total depth 194 feet

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

11. The log of formations encountered in the drilling of each well if available... Surface to 61 Ft. clay and boulders; 61 Ft. to 188 Ft. gray conglomerate; 188 Ft. to 190 Ft. fine sand; 190 Ft. to 194 Ft. sand, gravel and water

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

Signature of Owner Harold F. Jaeger
Harold F. Jaeger
Date 12/18/63

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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DUPLICATE

T 29 R 20

County Fitchhead

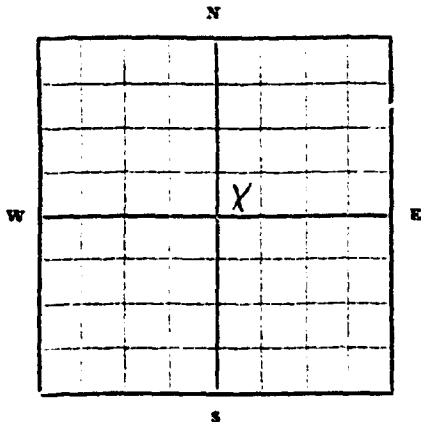
RECEIVED
JAN 6 1964

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. Arthur W. Motichka and Beulah H. Motichka wife
(Name of Appropriator) of Columbia Falls (Town)
County of Fitchhead State of Montana

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



SW 1/4 NE 1/4 Sec. 29 T29 R20
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 House Stock, Garden & Lawn.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Used continuously since drilled in 1938 or '39

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gal. per min.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1938

8. The depth of water table 22'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled, 4" casing, 142' Deep.

10. The estimated amount of groundwater withdrawn each year 600,000/800,000 gal.

11. The log of formations encountered in the drilling of each well if available light loam, fine sand, & pebbles

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 About same as north Creston Area

Signature of Owner Arthur W. Motichka

Date Dec 27, 1963

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

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

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

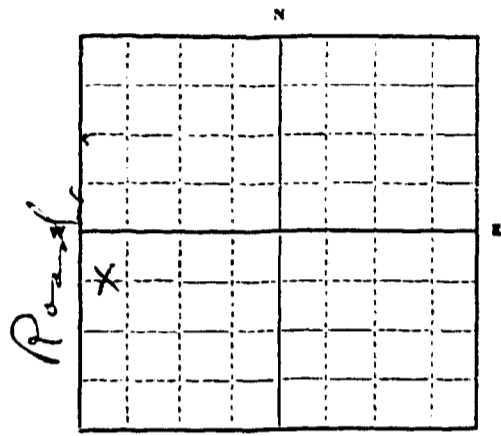
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J. E. M.
J. J. H.

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)

Glenn L. Roy Johnston of Kalispell Mont
(Name of Appropriator) (Address) (Town)
County of Blaine State of Mont 714
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



4 1/4 NE 1/4 - NE 1/4 30
1/4 Sec. 30 T. 29 R. 20

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. Well - domestic use.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. About 60 years use
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. No. Except garden plot.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. About 1903 -
8. The depth of water table. 43 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. 165 ft -
10. The estimated amount of groundwater withdrawn each year.....
11. The log of formations encountered in the drilling of each well if available. Clay - 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.....

Signature of Owner Glenn L. Roy Johnston
Date Dec 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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File No. _____

T. 29 N R. 20 W
County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____
Glenn E. Ray Johnston Address Kalispell

Contractor (if any) _____

Address of Contractor _____

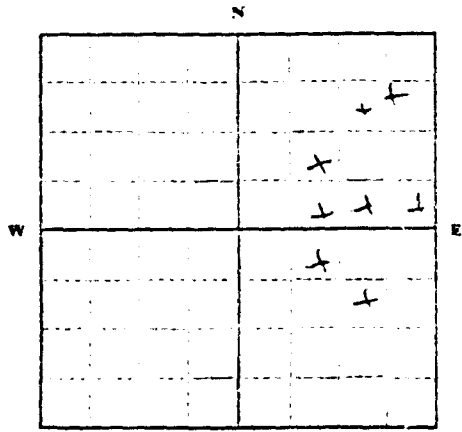
Date Started _____ Date Completed _____

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

Have not drawn from these springs - but use for low pasture needs and around Shauer ranch - wild life sanctuary

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 _____



SE 1/4 NW Sec 30 T 29 R 20

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

Continuous
May possibly use for irrigation in future
Glenn E. Ray Johnston
Signature of Owner _____

Date _____

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.

11154

9 Jan
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File No. _____

GW 4

T. 29 N R. 20 W
County Blaine

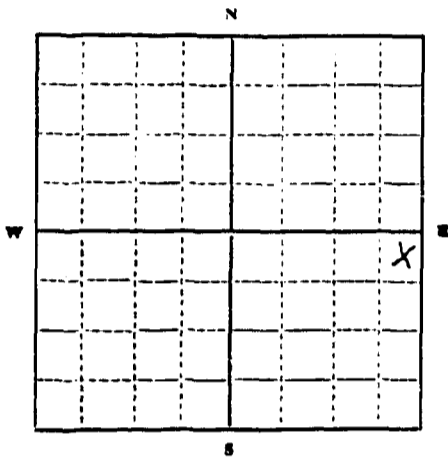
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ralph M. Pauselle of Blaine Blaine
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 30 T. 29 R. 20

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 1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1000

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
1.000 acres Blaine
Gallons a year

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 1955

8. The depth of water table 60 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 161 feet

10. The estimated amount of groundwater withdrawn each year 1000

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 Ralph M. Pauselle
Date Dec 8 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.

14612

10,232

STATE OF MICHIGAN SS
COUNTY OF FLAINGHAM
Filed on the 26 day of Dec
A. D. 1967 at 2:53 Clock P. M.
J. E. M.
County Clerk and Recorder
By J. E. M. Deputy

File No.

T. 27 N. R. 20

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

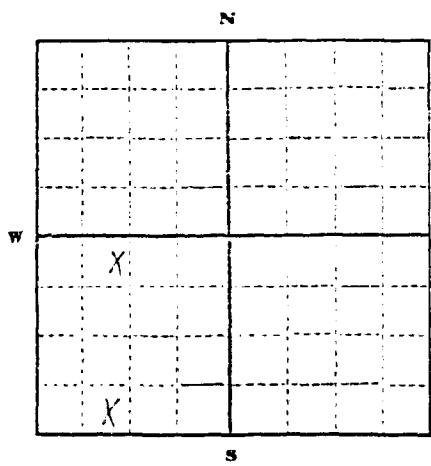
Date of Appropriation of Groundwater prior to 1949

Owner T.H. Helen R. Sutton Address Rt. 4, Kalispell, Mont

Contractor (if any) none

Address of Contractor

Date Started Date Completed



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable running spring on lot 3

5 gal per minute
lot 4 by digging 4ft 1 gal per min
stock water only

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

W 1/2 Sec. 30 T. 27 R. 20
Indicate point of appropriation and place of use, if possible.

Signature of Owner T.H. Sutton Helen R. Sutton

Date Dec 26, 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 Quaduplicate for the Appropriator.

10,267

27 Dec
1863 12th
Y. E. M.
J. J. ~~W.~~

File No.

GW 4

TW 29^N R W 20
County Flathead

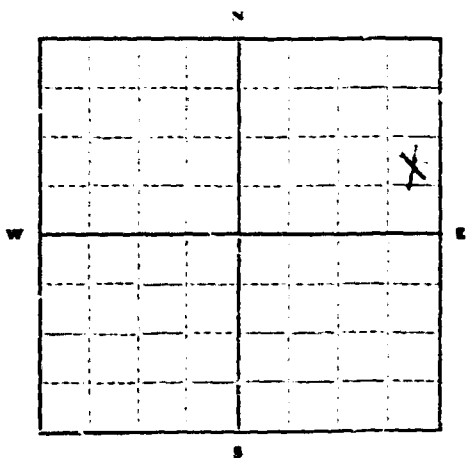
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964
STATE ENGINEER

1. Frank C. Gagan of Kalispell
(Name of Appropriator) (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:



1/4 31 Sec 29 T R 20
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 washing vegetable
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been unknown
to daily
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- 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 unknown
- 8. The depth of water table 80 ft
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 in casing 200ft deep
- 10. The estimated amount of groundwater withdrawn each year 950,000 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 Frank C. Gagan
Dated 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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File No. _____

SW 4

T. 29 R. 20

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

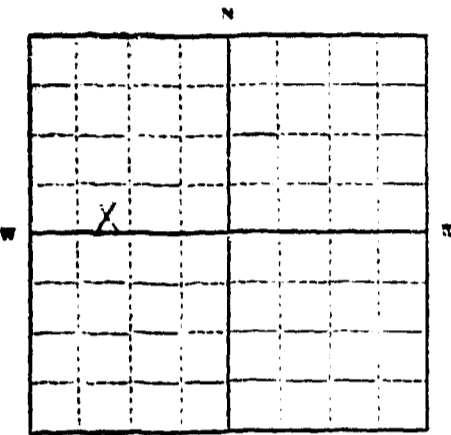
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

T.H. Helen K. Sutton of Ft. 4 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:



NE 1/4 SE Sec 31 T 29 R 20

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 stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been prior to 1949 and continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 18 gallons per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 3/4 acre for garden & lawn T.H. Helen K. Sutton

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 3/4 horse electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater prior to 1949

8. The depth of water table 36 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well, 4 inch casing, 172 ft 1/2 withdrawal pipe.

10. The estimated amount of groundwater withdrawn each year 900,000 gal. per year

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 T.H. Helen K. Sutton
Date Dec 26, 1963

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

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

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

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27 Dec
63 12:05 P.
Y.E.M.
D.J.H.

File No. _____

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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
Office Of State Engineer

County FLATHEAD

DUPLICATE

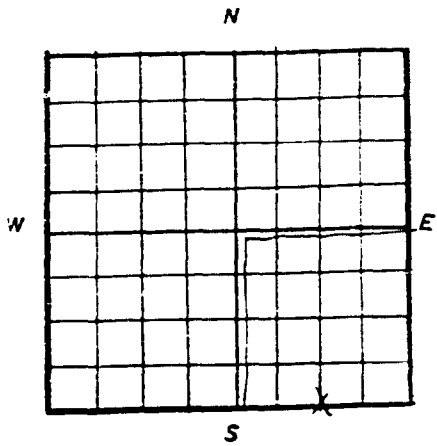
RECORDED

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chap. 237 Mont. Session Laws, 1961)

STATE ENGINEER

1. E. P. BEEMAN, of Route 4 Kalispell
name of appropriator address town
County of FLATHEAD State of MONTANA

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



SE 1/4 S32 T29 R20

indicate point of appropriation & place of use. Each square indicates 10 Acres.

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

GENERAL FARM USE

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

SINCE 1917

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

20 gpm

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

5 ACRE AREWOLD HEADQUARTERS

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

ELECTRIC PUMP

7. Date of commencement & completion of construction of well, wells, or other works for withdrawal of groundwater _____

1917

8. Depth Of Water Table _____

22.5 WELL

GROUNDWATER LEVEL

9. As it may be available, type, size, depth of each well or general specification of any other works for withdrawal of groundwater _____

4 IN CASING

10. Estimated amount of groundwater withdrawn each year _____

300 000 gpm

11. The log of formations encountered in drilling each well (if available) _____

NONE

12. Other information useful in carrying out policy of this act, including Book & Page of any county record _____

Signature E. P. Beeman
(owner)

Date _____

3 copies to be filed by owner with clerk & recorder in county where well is located. Please answer all questions. If not applicable, so state.

Original to Co. Clerk & Recorder; Duplicate to State Engineer; Triplicate to School of Mines and Quadruplicate for the Appropriator.

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File No.

GW 4

T. N. R. ...

County

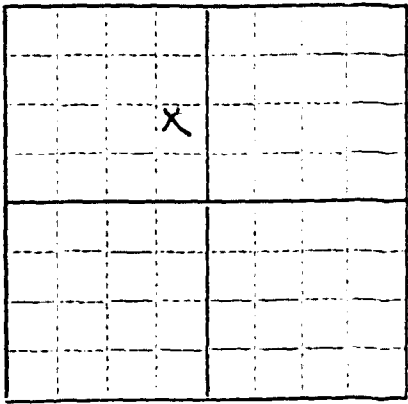
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Henry Esch of 575 E. Keweenaw
County of Hyewah State of Montana
have appropriated water according to the Montana laws in effect on January 1, 1962, as follows:



NW 1/4 32 T9 R0

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 water for every use on farm

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1937
continuous

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

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. 1937

8. The depth of water table.....

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 7 in casing 120 ft. Depth

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

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

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

Signature of Owner Henry Esch

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.

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RECEIVED
JUL 2 1958

T. 29 R. 20

County Flathead

33

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Clarence Hines Address Rt, Kalispell

Driller Gordon De Young Address Kalispell

Date Started June 3, 1957 Date Completed June 30, 1957

Location: Sec. 33 T. 29 R. 20 1/4 sec. S.E.

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

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

Casing: 5 ft. to 100 ft. Type oil well Size 7 inch

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: 22 feet.

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

Pumping water level 65 feet at 35 gal. per min.

How tested: baier

Length of test 1 hour

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

(over)

File No. _____

GW 4

T 29 N R 20 W
County Flax

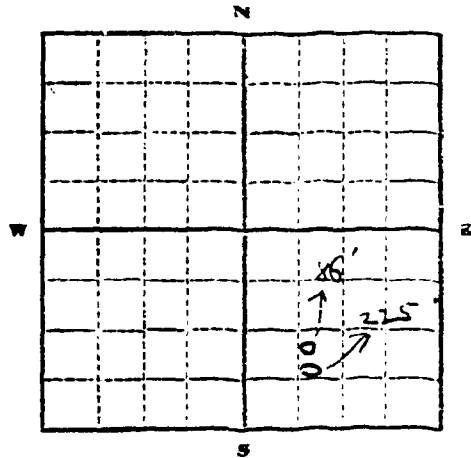
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 17 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Clifford E. Hansen of Kalispell
(Name of Appropriator) (Address) (Town)
County of Flax State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



W 1/2 S 15/4 Sec. 33 T. 29 N. R. 20 W

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 irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1940 - Constant
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 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
W 1/2 SE 1/4 Sec 33 T 29 - R 20 W
- 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 1940
- 8. The depth of water table 26 feet
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
4" - 86 feet and 225 feet - 7"
- 10. The estimated amount of groundwater withdrawn each year 350000 gallons
- 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 Clifford E. Hansen
Date 12-10-63

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.

9197

Recorded and
the 23 day of Dec
1893 at 2:25 o'clock P. M.
J. L. M.

County Clerk and Recorder

By



Deputy

County Flathead

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 Clifford E. Haines Address Rt 4 Kalispell Mont

Driller Olson & Justice Address Cal Falls Mont

Date of Notice of Appropriation of Groundwater none filed

Date well started april 5-65 Date Completed april 12 1965

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Top of Ground
(Elev. above sea level

0 to 6 ft. silt
0 to 141 ft
Hard pan
141 to 182 ft
Gravel with
much mud
182 to 228 ft
Hard pan
228 to 232 ft
Hard packed
with heavy
gravel & sand.

Size of Drilled Hole 6 3/8

Size and Weight of Casing 7" O.D., 23 lbs per ft

From (Feet) 0 To (Feet) 232

PERFORATIONS

Kind Size	PERFORATIONS	
	From (Feet)	To (Feet)
<u>none</u>		

SE 1, Sec. 33 T 28 R 20 W
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 30 feet.

Shut-in Pressure for Flowing Well non flowing

Pumping Water Level 120 feet at 10 gal. per minute.

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

How Tested Bailer Length of Test 3 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 m 55
By Olson & Justice
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.

1.794

APR 19 1965
G. E. M.
J. J. A.

File No. _____

SW 4

T 29¹ R 20^W

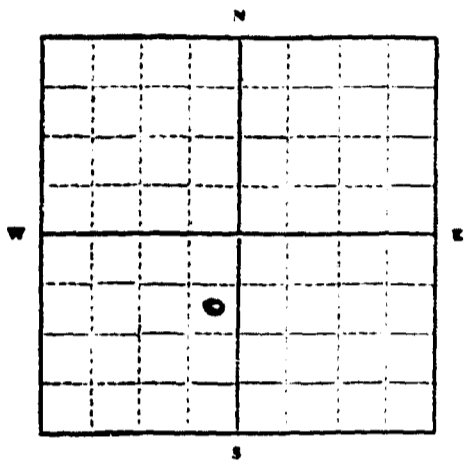
County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 30 1963

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

1. Clarence Haines of Reidspell
(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:



7. E. 1/4 Sec. 33, T. 29, R. 20

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 irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1955 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 600 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
NE 1/4 SW 1/4 - 533 - T29 - R20

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. 1955

8. The depth of water table. 24 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
220 feet - 7" casing

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

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 Clarence Haines
Date Dec 23 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, 127

STATE OF MISSISSIPPI
COUNTY OF HARRISON, MS
Filed on the 23 day of Dec
A. D. 63 at 10:41 o'clock a. M.
J. B. W.
County Clerk and Recorder
Deputy

File No.

GW 4

T. 29N R. 20W

County Flathead

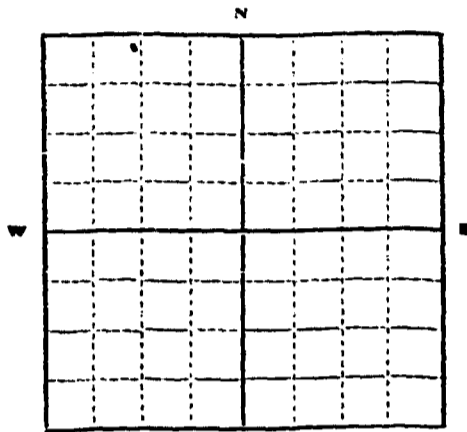
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights 6 1964

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
STATE ENGINEER

1. Charles & Agnes Lorentzen of Route 4 Kalispell, Montana
(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:



Section 34 T29N R20W

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 Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 Used Continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gal per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Irrigate garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Unknown
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 two sand points driven in the ground
10. The estimated amount of groundwater withdrawn each year Average approx. 1500 gal per day
11. The log of formations encountered in the drilling of each well if available none available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner [Signature]

Date [Date]

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

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

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

445

30 Dec
63 24
Allen E. M. M. M.
Mich.

File No.

GW 1

T 29 N R 20 W

County Flathead

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 Coyuse Prairie School Address Route 4 Kalispell

Driller James McClarty Address 745 2nd Ave West

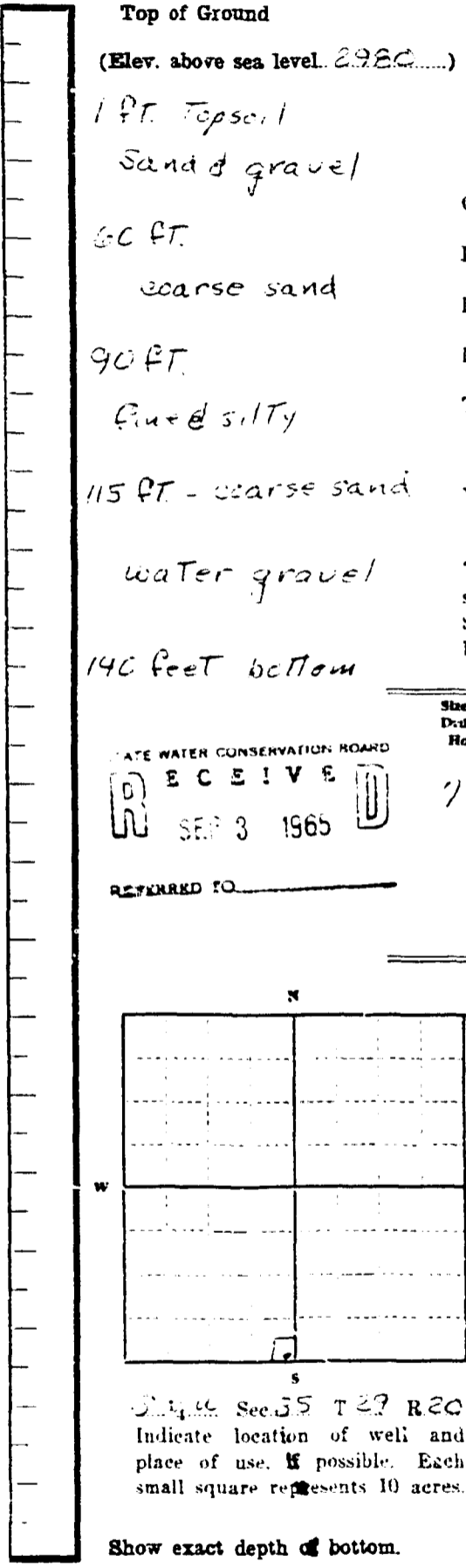
Date of Notice of Appropriation of Groundwater

Date well started 4/21/65 Date Completed 6/25/65

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

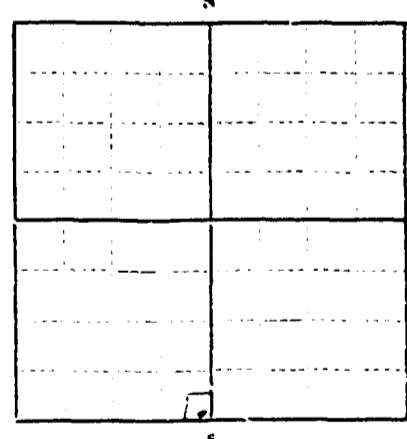
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.



STATE WATER CONSERVATION BOARD
RECEIVED
SEP 3 1965

RETURNED TO

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7" C.O.	23"		140'			



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... 90 feet.

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

Pumping Water Level... 100 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Sailer 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).....

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.

31 509

11856

STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 23 day of July
A. D. 1965 at 1:15 o'clock P.M

DBW

County Clerk and Recorder

By LDW

Deputy

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 Mrs. KATHARIN

Address Rt. 2

Date well started Nov 11 1973

completed Apr 1 1973

Type of well Drilled

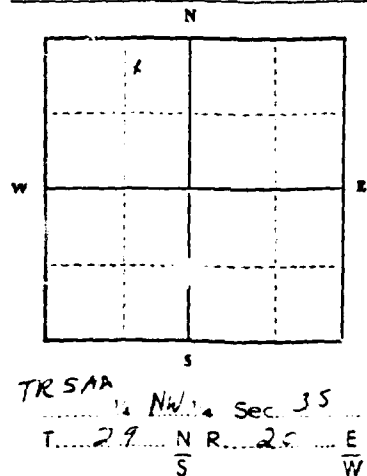
Equipment used Drill

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 1.5

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7	7.00 2.0"	0	1.12		x	<



Static water level 115 ft.
Pumping water level 113 ft.
at 200 gallons per minute,
measured 30 minutes after pumping
began.
*Measured from ground level.
Well developed by _____
for 5 hours.
Power _____ Pump _____ HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

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

Driller's Signature _____
Driller's Address _____

LICENSE NO. _____

County _____

DRILLER'S LOG

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

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	15	Sand and Stone
15	13	Gravel and sand
45		Static water level
56		
131	140	Apr 1 1973

142 Show exact depth of bottom

14,719

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS

Filed on the 21st day of June
A.D. 1973 at 11²⁰ o'clock A.M.

MT
County Clerk and Recorder

By LLD
Deputy

County Flathead

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 Herman A. Kienas
Shirley R. Kienas

Address 228 10th Street West
Kalispell, Montana

Date well started 5-23-73
completed 5-27-73

For Administrator's Use	
File	<u>14691</u>
Date	<u>May 18, 1973</u>
GW	<u>1 9 S.P. 200</u>

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

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

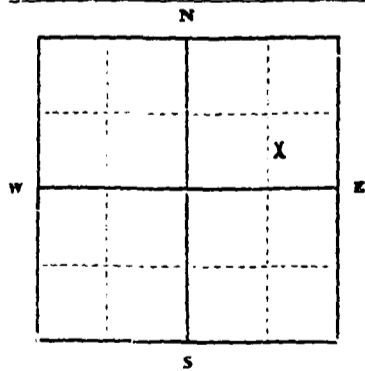
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

*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 68,300.00

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6"	6 5/8" OD x .250	+2	208'	N O N E		



SE 1/4 NE 1/4 Sec. 33
T. 40 N. R. 20 E.
W

Static water level 82' 4" ft.
Pumping water level 144' ft.
at 50 gallons per minute,
measured 90 minutes after pumping
began.
*Measured from ground level.
Well developed by air surge
for two hours.
Power diesel Pump 150 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) All water
entering well is coming
through open bottom of six
casing. Walls in this area
can be depended (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 59901 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) 3050

From (Feet)	To (Feet)	
0	1	Topsoil
1	42	Sand Gravel cobbles
42	122	Fine silty sand with some gravel mixed in
122	179	Fine silty sand with few scattered gravels
179	207	Clean sand with few gravels
207	215	Clean coarse sand and gravel water

Show exact depth of bottom