

9940

STATE OF MONTANA ) SS  
COUNTY OF FLATHEAD )  
Filed on the 21 day of Nov  
A. D. 1963 at 11:20 o'clock A. M  
S.E.M.  
County Clerk and Recorder  
By M.S.  
Deputy

Fl. No. ....

GW 4

T. 22<sup>N</sup> 20<sup>W</sup> 6  
County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

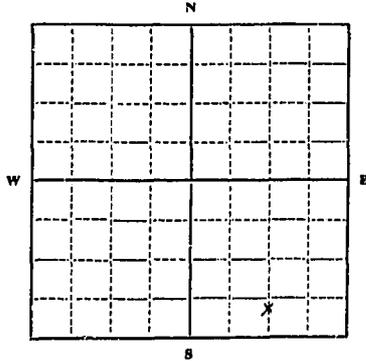
RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Clarence E. Sheldon, of Holt Stage Kalisell  
(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:



S. 54 S. E. Sec. 6, T. 28 R. 20

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 domestic and general farm use
- Date or approximate date of earliest beneficial use; and how continuous the use has been original well 1914 new well installed 1948 and continuously
- The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gal per min estimated
- 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 irrigation
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal deep well pump as shown on map
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 15 - 1948 begun July 25 - 1948 finished
- The depth of water table 16 ft.
- 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 steel casing 196 ft deep
- The estimated amount of groundwater withdrawn each year 10,476,325 gal.
- The log of formations encountered in the drilling of each well if available granite, sand, loess, gravel, clay, and gravel formation
- 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 other information

Signature of Owner Clarence E. Sheldon

Date Dec 16 - 63

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

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

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

14562

10, 180

STATE OF MONTANA  
COUNTY OF YELLOWHEAD  
Filed on the 26 day of Dec  
A. D. 1963 at 9:55 o'clock A. M.  
9/6/77  
County Clerk and Recorder  
By *[Signature]*  
Deputy

File No. ....

GW 4

T. 26 N R. 20 W 7  
County .....

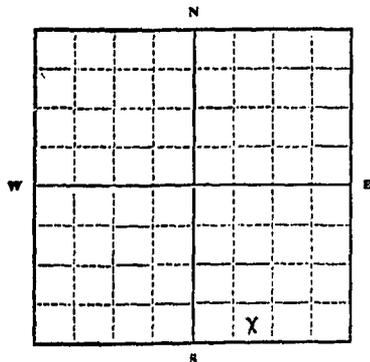
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Eugene E. Jaquette 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:



SW 1/4 Sec. 7 T. 28 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, stock and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Drilled in 1910 and continuous since 1910

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 5 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. Owner Eugene A. Jaquette SW 1/4 of Sec. 7, Township 28 N.R. 20 Flathead County, Montana.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1910

8. The depth of water table. about 25 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Depth about 270 feet, drilled, 4 inch casing

10. The estimated amount of groundwater withdrawn each year. 50,000 gallons

11. The log of formations encountered in the drilling of each well if available. sand and 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 Eugene E. Jaquette  
Date Dec. 23d, 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.

14608

10,528

STATE OF CALIFORNIA, SS  
COUNTY OF SAN DIEGO, SS  
Filed on the 26<sup>th</sup> day of *June*  
A. D. 1963 at 2<sup>30</sup> o'clock P. M.  
*G. E. M.*  
County Clerk and Recorder  
By *J. J. H.* Deputy

Pl. No. ....

GW 4

T. 28 N. R. 20 W. 8

County .....

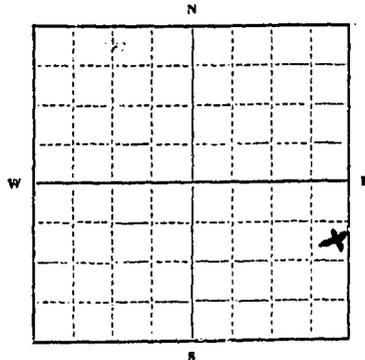
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **George Hubbard** of **Rt. #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:



SE 1/4 Sec. 8 T. 28 R. 20

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

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2. The beneficial use on which the claim is based **domestic use and yard care**

3. Date or approximate date of earliest beneficial use, and how continuous has been **old well. Been used continuously**

4. The amount of groundwater claimed (in miner's inches or gallons per minute) **100 gallons per minute (app.)**

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 **yard and garden. 1/2 acre  
SR# Sec. 8 T. 28 R. 20  
George Hubbard Rt. #4 Kalispell, Montana**

6. The means of withdrawing such water from the ground and the location of well or other means of withdrawal **1 1/2" bore electric pump  
SR# Sec. 8 T. 28 R. 20**

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 **16 ft. 8"**

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, 5" casing, well depth 225'**

10. The estimated amount of groundwater withdrawn each year **Approximately 500,000 gallon**

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

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

Signature of Owner **George Hubbard**  
Date **August 16, 1965**

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.

29517

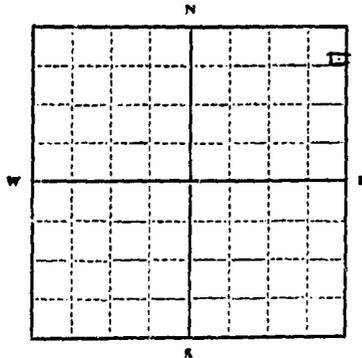


STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. MARY BALON GOSTON, 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:



10 1/2 Sec. 9 T. 28 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. Household, Stock and Irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. June 1946 and used continuously since that time
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 50 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. One and one-half acres. Hay and garden. MARY BALON GOSTON
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric pump - Well located east end of 1/4 Sec. 9 T. 28 N. R. 20 W.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Commenced - June 1, 1946. Completed - June 7, 1946
- 8. The depth of water table. 7 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. 1 1/2" casing. 7 1/2" foot deep
- 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. Drilled to a depth of 7 1/2 feet. No water at 7 1/2'
- 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 Mary Balon Goston  
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.

10577

30 Dec  
1863-34 P  
Allen E Millhouse  
Church



10,089

CLERK OF THE DISTRICT COURT  
COUNTY OF HAMILTON, N.Y.  
Filed on the 20 day of Dec  
A.D. 1863 at 9<sup>15</sup> o'clock A.M.  
587m  
Clerk and Recorder  
By: M. J. Deputy

File No. ....

Law No. ....

T. N. U. 9  
R  
County .....

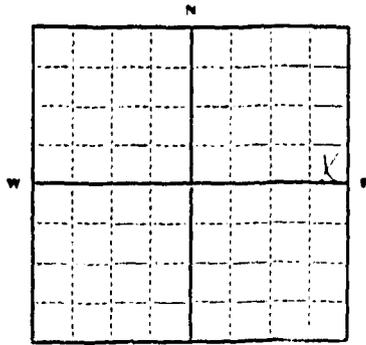
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1. George W. Heyburn of Nainville  
(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:



SE 1/4 Sec. 9 T28N 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. House & Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1924. Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 300 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. X

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

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

8. The depth of water table. 110 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. 1924

10. The estimated amount of groundwater withdrawn each year. 73,000

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

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

Signature of Owner Geo W. Heyburn  
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.

10478

STATE OF MISSISSIPPI : SS  
COUNTY OF WARREN :

Filed on the 30 day of July

A. D. 1963 at 19 o'clock P.M

Blair E. Melhous  
County Clerk and Recorder

By Chitt  
Deputy

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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DEC 30 1963

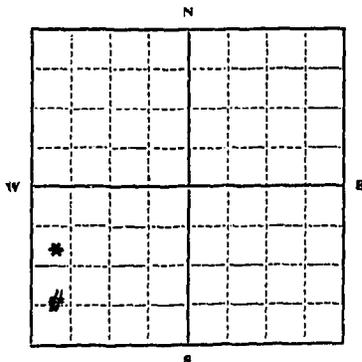
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. DANIEL DAVID BRENNEMAN, of R 4 WALISPELL  
(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:



W 1/4 SW 1/4 Sec. 10, T28, 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. Home  
Life stock irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. # 1946 continuous  
\* bought place in 1943 and well was in use  
and has been used occasionally

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 100 gals

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 and lawn approx 2 acres  
Daniel David Brenneman

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. # drilled in 1946  
\* an old well was in use when place was bought in 1943

8. The depth of water table. # 15 feet flows in spring \* 6 feet flows part of year

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. # 6 inch drilled 100 ft gravel and clay 5ft gravel and sand  
\* can not give formation 3ft hand dug lined with stones apprx 30 ft

10. The estimated amount of groundwater withdrawn each year. 500,000 gals

11. The log of formations encountered in the drilling of each well if available.  
# gravel and clay 100 ft gravel and sand 5 ft  
\* 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 available

Daniel David Brenneman  
Signature of Owner

Date Dec 14/63

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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63 210 P  
96 m  
J.H.

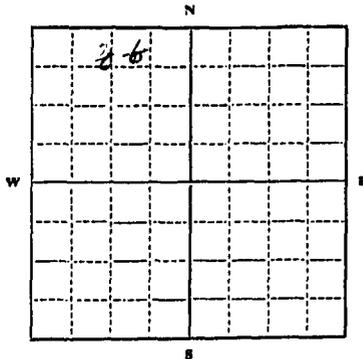
County .....

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)

1. Rex H. Case of 103-4th Ave. E. Helispell  
(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:



T. 28N. Sec. 20. T. 28. 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 water supply

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
1918

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
7.5

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.....  
Hand pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
Well completed fall 1958  
Well completed Spring 1959

8. The depth of water table.....  
10.5 ft. 12.2 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.....  
1" pipe 16.5 ft deep  
8" pipe 22 ft deep

10. The estimated amount of groundwater withdrawn each year.....  
5,000 gallons

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

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

Signature of Owner.....  
Rex H. Case

Date 19 Dec 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

10,091

STATE OF PENNSYLVANIA  
COUNTY OF FLORIDA

Filed on the 20 day of Dec  
A.D. 1917 at 11:30 o'clock A.M.

*H. C. M.*  
County Clerk and Recorder  
By *J. A. P.* Deputy

T 28 N R 20 W 10

File No. ....

County Bluff

DUPLICATE

STATE OF MONTANA RECEIVED  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER NOV 12 1963

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Joe Parkornski Address Rt. 4 Miles Hill

Driller Homey McClarty Address 945-8th Ave N

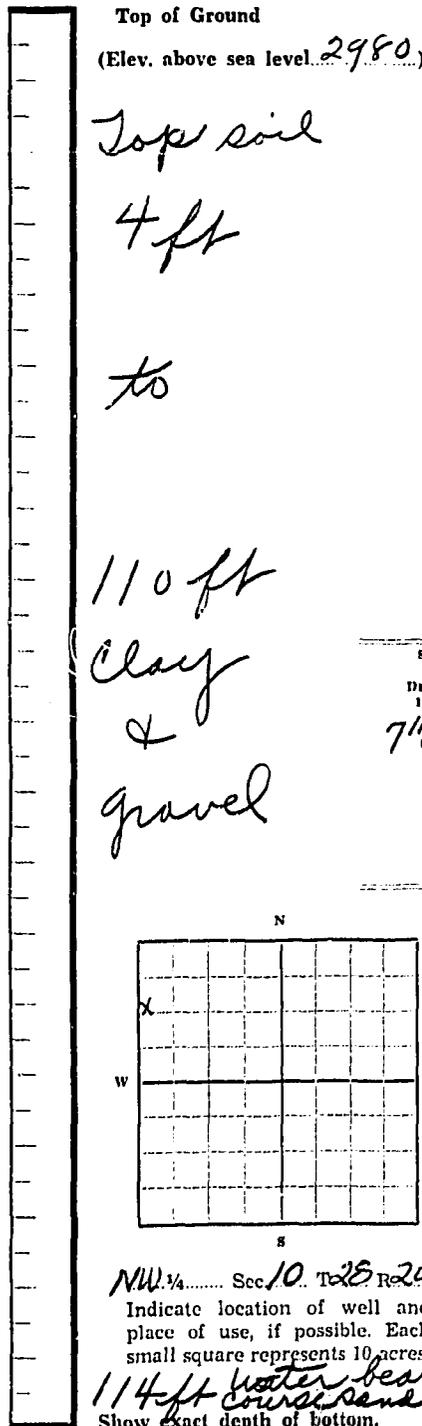
Date of Notice of Appropriation of Groundwater .....

Date well started Aug 13, 1963 Date Completed Aug 20/63

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

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)
<u>7 1/2"</u>	<u>2 3/4"</u>		<u>114 ft</u>			

Static Water Level for non-flowing Well 106 feet.

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

Pumping Water Level 75 feet at 25 gal. per minute.

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

How Tested bailey 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) 3 acres

Driller's License Number 18  
Driller's Signature Homey 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.

9925

STATE OF MONTANA  
COUNTY OF FLATHEAD SS  
Filed on the 5 day of Nov  
A. D. 1963 at 10 o'clock A. M  
J. E. M.  
County Clerk and Recorder  
By: [Signature]  
Deputy

10

File No. ....

T 28W R 20W

DUPLICATE

*KW*

County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
Creston National Fish Hatchery  
Route 4, Kalispell, Montana,  
Flathead County  
(Real Prop. #20)

### Declaration of Vested Groundwater Rights

DEC 30 1963

The United States of America Chapter 237, Montana Session Laws, 1961)

By J.T. Barnaby, Acting Regional Director

Bureau of Sport Fisheries and Wildlife

P. O. Box 3737

STATE ENGINEER

1 Fish & Wildlife Service, Dept. of Interior

of 1002 N. E. Holladay Street, Portland

(Name of Appropriator)

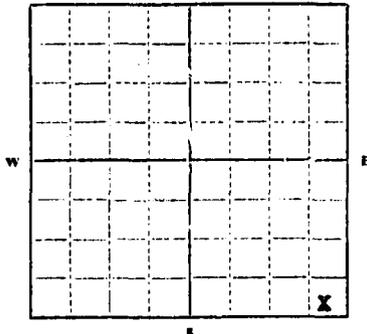
(Address)

(Town)

County of Maltwood

State of Oregon

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



S.E. 1/4 Sec. 10 T. 28W R. 20W

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

2. The beneficial use on which the claim is based on operation and maintenance of a National Fish Hatchery

3. Date or approximate date of earliest beneficial use; and how continuous the use has been The well (Artesian Well No. 1) was put into use on November 15, 1957, and has been in continual use since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 72 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 the SE 1/4 of the Sec. 10, T28N and R20W. 4.33 acres. The United States of America

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump to pressure tank and piped to all points of use.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Actual drilling began on 11/2/57, was completed and put into use on 11/15/57

8. The depth of water table. Artesian flowing water table was first encountered at 88' of depth. Well depth was then extended to 103' depth.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 20' of 12" top casing, 92' of 8" well casing, and with 21' of 7" pipe. Well encased at top with 12" pipe, then an 8" casing was driven to the 92 foot depth, then inside the 8" pipe a 7" pre-perforated casing was drilled or driven to the 103' level, leaving 10' of the 21' of 7" pipe inside the 8" casing.

10. The estimated amount of groundwater withdrawn each year. 113 acre feet.

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

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

Signature of Owner  
**J. T. Barnaby, Acting Regional Director**  
Date December 18, 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.

14571

10,191

26  
69  
LLM  
By: [Signature]  
Date:

File No. ....

T. 20N R. 20W

DUPLICATE

County Flathead County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Creston National Fish Hatchery  
Route 4, Kalispell, Flathead County,  
Montana  
(Reel Prop. #22)

Declaration of Vested Groundwater Rights

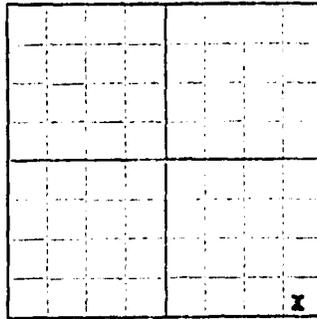
DEC 30 1963

The United States of America Under Chapter 237, Montana Session Laws, 1961  
By J. T. Barnaby, Acting Regional Director  
Bureau of Sport Fisheries and Wildlife  
Fish and Wildlife Service, Dept. of Interior

P. O. Box 3737  
1002 N. E. Holladay St., Portland

STATE ENGINEER

(Name of Appropriator) of (Address) (Town)  
County of Multnomah State of Oregon  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based. on operation and maintenance of a National Fish Hatchery

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Started using in fall of 1958 and use in main hatchery building has been constant since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Original measurement indicated we received approximately 400 gallons per minute of continuous artesian flow maximum thru present piping facilities from this well.

b. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. So far has not been used for any irrigation.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Water is delivered by artesian flow to surface at elevation of about 24' above main hatchery building, and is taken by gravity flow to troughs and tanks as required.

SE 1/4 Sec. 10 T20N R. 20W

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well drilling was in progress during August and early September of 1958 and was completed before the end of September 1958.

8. The depth of water table. Well was drilled to 300' depth but water tables are in three separate stratas, at varying depths from about 120' to 250'.

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. 14" casing

10. The estimated amount of groundwater withdrawn each year. 645 acre feet.

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

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

Signature of Owner  
J. T. Barnaby, Acting Regional Director  
Date December 18, 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, 192

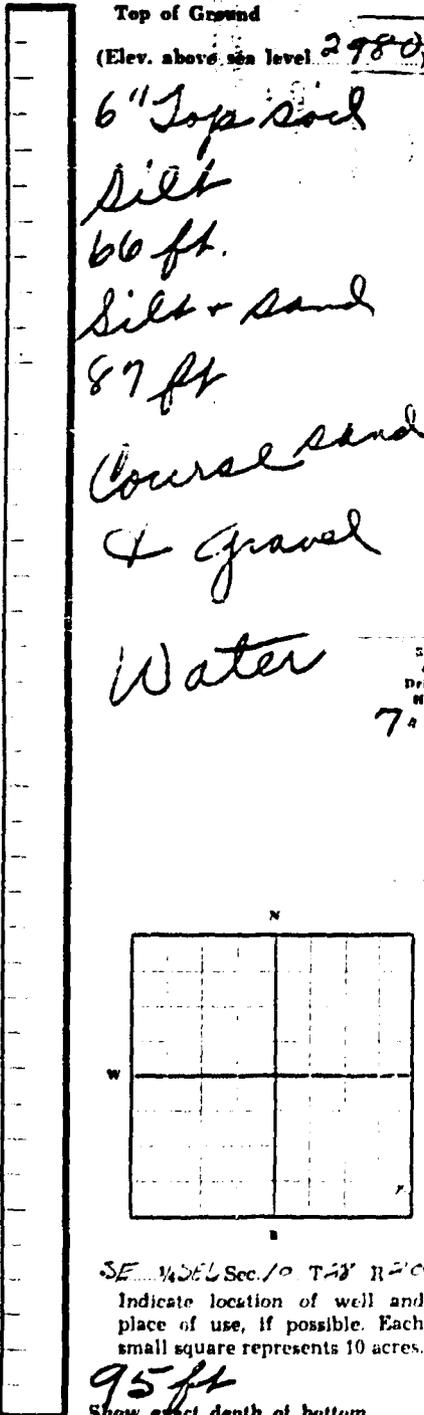
26 Dec  
19 1042 a  
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29t

T. 23 N. R. 20 W. 10  
 County. Flathead

File No.

DUPLICATE

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER



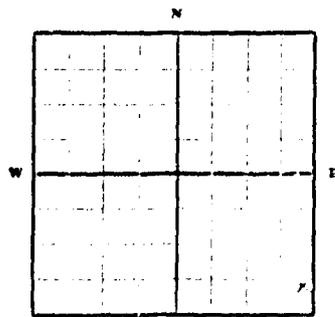
**Notice of Completion of Groundwater  
 Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Allen Zimmerman Pk 4  
 Address: \_\_\_\_\_  
 Driller: Homer McClarty Address: 945-8307  
 Date of Notice of Appropriation of Groundwater: \_\_\_\_\_  
 Date well started: Sept 11, 1967 Date Completed: Sept 13, 67  
 Type of well: Drilled Equipment Used: 2 1/2" W. B. auger  
 (dug, driven, bored or drilled) (Churn, drill, rotary or other) Edie  
 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)
7.000	23#		95 ft		



SE 1/4 Sec. 10 T28 R20

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

Static Water Level for non-flowing Well... 12 feet.  
 Shut-in Pressure for Flowing Well... \_\_\_\_\_  
 Pumping Water Level... 20 feet at 50 gal. per minute.  
 Discharge in gal. per min. of flowing well... \_\_\_\_\_  
 How Tested: Bailer & pump 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.

13333

STATE OF MONTANA  
COUNTY OF FLATHEAD

Filed on the 29 day of *Mar*  
A. D. 1968 at 2:30 o'clock P. M.

*Den*  
County Clerk and Recorder

By *[Signature]* Deputy

*[Faint handwritten notes and signatures, including the number 333]*

*[Faint handwritten notes]*

14,252

STATE OF MONTANA }  
COUNTY OF FLATHEAD } SS  
Filed on the 16 day of Mar  
A.D. 191 at 4:10 o'clock P.M.  
By [Signature] County Clerk and Recorder  
[Signature] Deputy

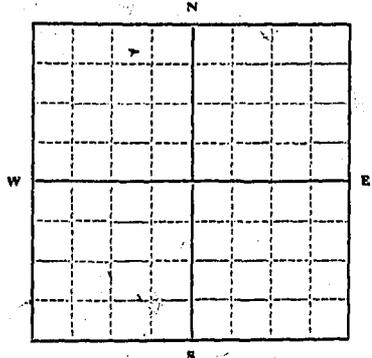
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County \_\_\_\_\_  
**RECEIVED**  
JAN 6 1964

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. Wm. H. Hathaway of Route 2 - Kalispell, Mont.  
(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. 13, T. 28, R. 22  
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, Domestic Irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... August 1955 - Continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 2.0 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... approx 1.8 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... By wells - pump well located 75 feet south of road property line - 710 ft west of east property line

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Started in Jan 1955 completed in Aug 1955
- 8. The depth of water table... approximately 40 to 100 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 with deep well jet pump, 7 inch casing, 115 ft in depth
- 10. The estimated amount of groundwater withdrawn each year... 1/4 million gallons
- 11. The log of formations encountered in the drilling of each well if available... not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record... none

Signature of Owner Wm. H. Hathaway  
Date Dec 31 1962

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

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

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

10992

STATE OF MONTANA )  
COUNTY OF DEERHOLDS ) SS

Filed on the 31 day of Dec  
A.D. 1923 at 2:30 Clock P.M.

*[Signature]*  
County Clerk and Recorder

By *[Signature]*  
Deputy

RECEIVED

13

JAN 24 1973

OW 3

File No. ....

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION 28N R 22W

County Flathead P.J.G.

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)

Doc. No. 14,602  
Filed for record  
this 22nd day of JANUARY  
A. D. 19 73 at 12:30  
o'clock P.M.

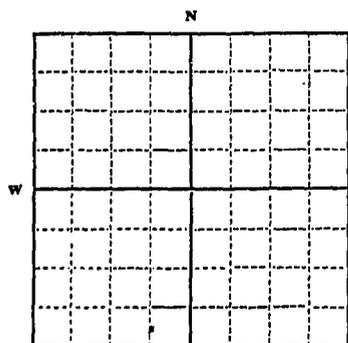
Date of Appropriation of Groundwater.....

Owner Ernest Helseth Address Route 2, Kalispell

Contractor (if any) natural Spring

Address of Contractor .....

Date Started unknown Date Completed.....



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water is obtained from an under ground Spring which we had dug out to a depth of 8 FT we then set four concrete dry wells two high and filled in with rock and gravel around them

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

W 1/2 SE 1/4 SW 1/4 Sec. 13 T. 28 N. R. 22 W.  
Indicate point of appropriation and place of use, if possible.

estimate approximate lengths of periods of use with the four dry wells as storage tanks and the rock fill around them there is about 1000 Gallons storage we pumped it dry 24 hours later it was overflowing

Signature of Owner Ernest Helseth

Date Jan 22 - 1973

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.

F.

52,284



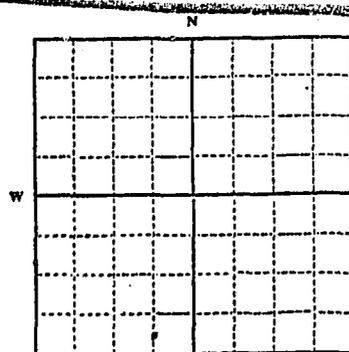
Department of Natural Resources and Conservation  
 Water Resources Division  
 Engineering Bureau  
 Groundwater Section  
 Sam W. Mitchell Building  
 Helena, Montana 59601

Owner Ernest Helseth  
 Address Rt. 2-Kalispell 59901  
 Location T. 28N R. 22W Sec. 13  
 Doc. No. 14.602

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

**Special Instructions:** Please provide, as indicated in red on the attached form, the dates the spring development was started and completed; and the claimed groundwater (spring) use.

Thank You.



Describe means of obtaining groundwater, sub-irrigation and other natural processes. Include depth to water when applicable. WATER IS OBTAINED FROM 27  
UNDERGROUND SPRING WHICH WE HAD DUG OUT  
TO A DEPTH OF 8 FT. WE THEN SET  
FOUR CONCRETE DRY WELLS TWO HIGH AND  
FILLED IN WITH ROCK AND GRAVEL AROUND THEM

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent  
CLAIMED USE 1200 GAL. PER DAY

estimate approximate lengths of periods of use. WITH THE FOUR  
DRY WELLS AS STORAGE TANKS AND THE  
ROCK FILL AROUND THEM THERE IS ABOUT  
1000 GALLONS STORAGE WE PUMPED IT DRY  
24 HOURS LATER IT WAS OVERFLOWING

Indicate point of appropriation and place of use, if possible.  
W 1/2 SW 1/4 SW 1/4 Sec. 13 T. 28 N. R. 22 W.

RECEIVED  
 JAN 30 1973  
 MONTANA DEPARTMENT OF NATURAL RESOURCES

Signature of Owner Ernest Helseth  
 Date JAN 22 - 1973

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.

52.284

GW 3

File No. \_\_\_\_\_

MONTANA DEPARTMENT OF MATERIALS  
MINES AND GEOLOGY

County Flathead R.J. E.

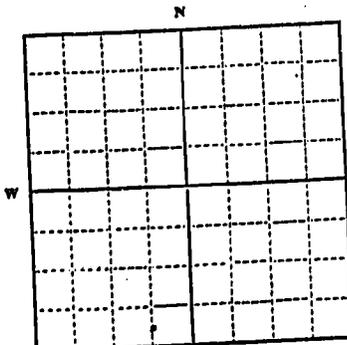
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Doc. No. 14,602  
Date 22nd JANUARY  
Time 12:39  
P.M.

Date of Appropriation of Groundwater \_\_\_\_\_  
Owner Ernest Helser Address Route 2, Kalispell  
Contractor (if any) NATURAL SPRING  
Address of Contractor \_\_\_\_\_  
Date Started unknown Date Completed Aug. 30-1965



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. W.D.T.C. IS OBTAINED FROM 211 UNDER GROUND SPRING WHICH WE HAD DUG OUT TO A DEPTH OF 9 FT WE THEN SET FOUR CONCRETE DRY WELLS TWO HIGH AND FILLED IN WITH ROCK AND GRAVEL AROUND THEM

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent claimed use 1200 gal. per DAY

Indicate point of appropriation and place of use, if possible.  
W 1/2 SE 1/4 SW 1/4 Sec. 13 T. 28 R. 22

estimate approximate lengths of periods of use. With the four dry wells as storage tanks and the rock fill around them there is about 1000 Gallons storage we pumped it dry 24 hours later it was over flowing

RECEIVED  
JAN 30 1973  
MONTANA DEPARTMENT OF MATERIALS  
MINES AND GEOLOGY

Signature of Owner Ernest Helser  
Date Jan 22 - 1973

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.

File No. \_\_\_\_\_

GW 1

T. 28N & 22W 13  
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)

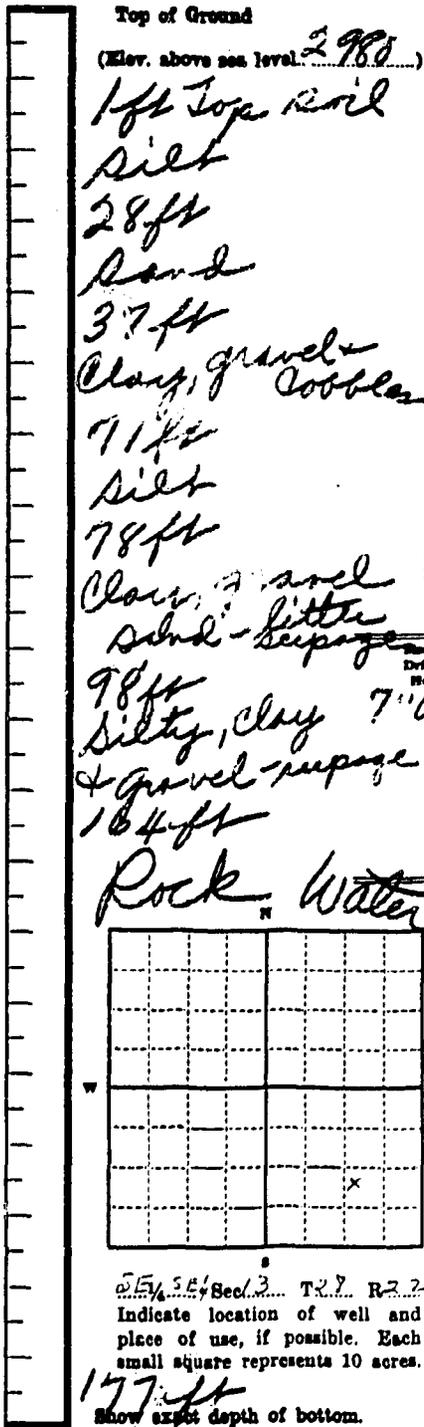
Owner: Harris Kunda address: Dr. J. Kallivale  
Driller: Homer McClarty address: 945-839th

Date of Notice of Appropriation of Groundwater: \_\_\_\_\_  
Date well started: July 14/68 Date Completed: July 24/68

Type of well: Drilled Equipment Used: 22W Ryan  
(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" O.D.	2.37"		164			

Static Water Level for non-flowing Well: 16 feet.  
Shut-in Pressure for Flowing Well: \_\_\_\_\_  
Pumping Water Level: 120 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

44,640

13849

STATE OF MONTANA }  
COUNTY OF FLATHEAD } SS

Filed on the 12 day of Aug  
A. D. 1968 at 1:06 o'clock P M

[Signature]  
County Clerk and Recorder

By [Signature]

RECEIVED  
COUNTY CLERK  
OCT 3 1968

File No. ....

T 28 N R 22 W

13

County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
MAR 18 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 3-6-64

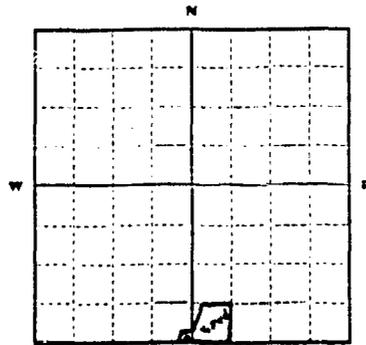
Owner John + Ellen M. Leam Address Route 2 Halsell Mont.

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. Flowing Spring



SE 1/4 Sec. 13, T 28, R 22

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

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

estimate approximate lengths of periods of use year around For all Household + Domestic use + garden approx. 1000 gal. daily

Signature of Owner John Leam Ellen M. Leam

Date March 10, 1964

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.

11346

STATE OF MONTANA ) SS  
COUNTY OF FLAHEAD )  
Filed on the 19 day of Dec  
A. D. 19 64 at 1:25 o'clock P M  
Jem  
County Clerk and Recorder  
By \_\_\_\_\_ Deputy

File No. ....

GW 4

T. 28<sup>N</sup> R. 22<sup>W</sup> 13

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

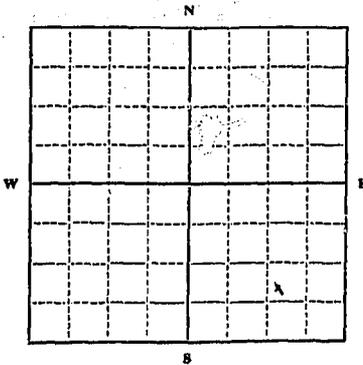
RECEIVED  
JAN 6 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Robert W. & Jo Anne H. Ross, of Route 2, 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:



S. E. 1/4 S. E. Sec. 13, T. 28 R. 22

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.....

August 2, 1950

Constant

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

400 Gals per Minute 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

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

Electric pump 1 H.P. Motor

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

June 2, 1950 to August 2, 1950

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

10 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, 201 Ft., 5 inch steel casing

& gravel 9 Ft.

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

9,000,000 gal. per year

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

Sand & clay, 65 Ft.; Cementy Gravel & boulders 120 Ft.; water bearing sand

& gravel 9 Ft.

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

Description of said property may be found in Deed Book 92, Page 485

of records of Flathead County.

Signature of Owner. Robert W. Ross

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.

23134

10963

STATE OF MONTANA )  
COUNTY OF BLAINE ) SS

Filed on the 3 day of dec  
A. D. 1923 at 2 o'clock P. M

D. L. H.  
County Clerk and Recorder

By D. L. H.  
Deputy

File No. ....

GW 4

T. 27N. R. 22W 13

County. Flax

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

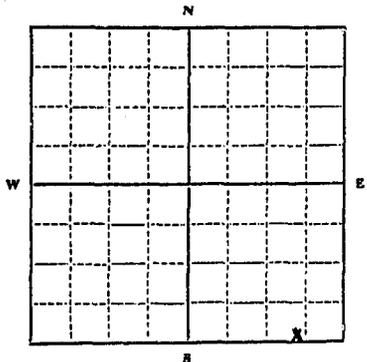
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Mrs. Gladys Schlab of Route #2 Halispell  
(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:



SE 1/4 SE Sec. 13 T. 28N R. 22W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1950, constantly

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 600 gal. per hr.

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. pumping

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1950

8. The depth of water table. 16.5 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. well, steel casing, static level 12 ft., draw down 45 ft., holds at 5.7 ft., depth 16.5 ft.

10. The estimated amount of groundwater withdrawn each year. 2,628,000 gal.

11. The log of formations encountered in the drilling of each well if available. Top 4 to 12 clay, 12 to 32 clay and silt mix, 32 to 118 clay and rock, heavy boulders, 118 to 126 is solid rock with 126 to 157 sandstone with layers of clay 157 to 165 soft rock.

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

Signature of Owner Mrs. Gladys Schlab  
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.

23055

10884

COUNTY OF FRESHWATER SS  
Filed on the 31 day of Dec  
A. D. 1963 at 12:34 o'clock P. M.  
J. P. M.  
County Clerk and Recorder  
By J. J. H.  
Deputy

File No. ....

GW 4

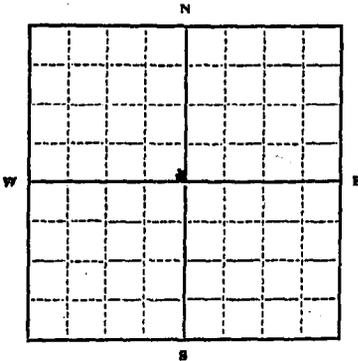
T 28 N 22 W 13  
RECEIVED  
JAN 8 1964  
STATE ENGINEER

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. DONALD AND DOROTHY WALTER, of ROUTE # 2, 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 NW Sec. 13 T28 R. 22

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 HOME

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 9/19/59, daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 15-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  
NOT USED FOR IRRIGATION

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 9/1/59 STARTED, COMPLETED 9/9/59

8. The depth of water table... 30-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 7" PIPE 122' DEEP

10. The estimated amount of groundwater withdrawn each year... 350,000 GALLONS

11. The log of formations encountered in the drilling of each well if available... 0'-24' CLAY, 24'-34' SANDY CLAY, 34'-78' CLAY & BOULDERS, 78'-118' GRAVELY CLAY, 118'-122' BROWN SAND AND 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... CONSULT COUNTY RECORDS

Signature of Owner *Donald Walter*  
*Dorothy Walter*

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.

11019

STATE OF MONTANA  
COUNTY OF YELLOWHEAD

Filed on the 27<sup>th</sup> day of Dec  
A.D. 1903 at 3<sup>01</sup> o'clock P.M.

*[Signature]*  
County Clerk or Recorder.

By *[Signature]* Deputy

RECEIVED

13

GW 3

APR 30 1973

File No. ....

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

T. 28N R. 22W  
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 April 3, 1973

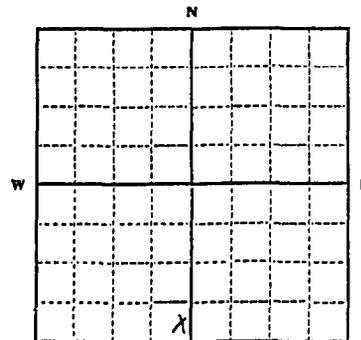
Owner Louis C. Wilson Address R 2

Contractor (if any) None

Address of Contractor None

Date Started Dec 1972 Date Completed Dec 1972

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Subirrigation & Springs  
the subirrigation varies as the summer progresses



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. I get my water through gravity system. I use the water for house & garden. I hope to later on develop the springs more to get more water

S.E. 1/4 SW Sec. 17 T. 28. R. 22

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

Doc. No. 14,667  
Filed for record  
this 29th day of April  
A. D. 19 73 at 12:30  
o'clock P.M.

Signature of Owner Louis C. Wilson

Date April 3, 1973

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.

14,667

STATE OF MONTANA }  
COUNTY OF FLATHEAD } SS

Filed on the 27th day of Apr  
A.D. 1971 at 12:30 Clock P.M.

[Signature]  
County Clerk and Recorder  
By [Signature]

Deputy

File No. \_\_\_\_\_

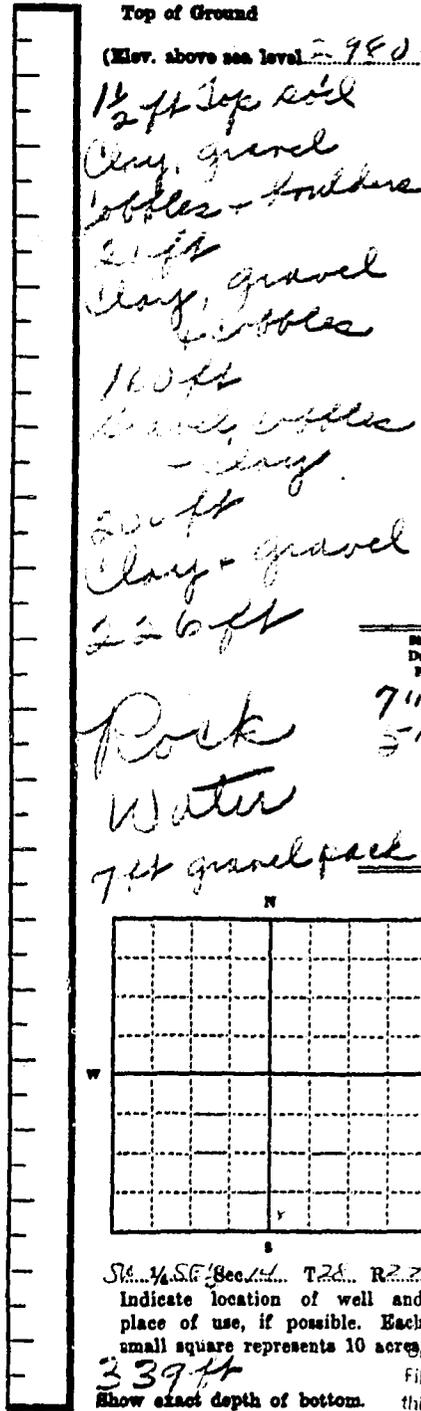
or \_\_\_\_\_

T. 28N R. 22W 14  
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 Section Laws, 1961)



Owner Edith H. ... Address ...  
 Driller James McClarty Address 943 - 13th St  
 Date of Notice of Appropriation of Groundwater \_\_\_\_\_  
 Date well started May 27 Date Completed June 22/70  
 Type of well Drilled Equipment Used 2 WFB  
 (aug. driven, bored or drilled) (Churn, drill, rotary or other) Bit  
 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)
<u>7" OD</u>	<u>23#</u>		<u>226</u>			
<u>5" OD</u>	<u>1"</u>		<u>75</u>	<u>5"</u>	<u>291</u>	<u>214</u>

Static Water Level for non-flowing Well 105 feet.  
 Shut-in Pressure for Flowing Well \_\_\_\_\_  
 Pumping Water Level 300 feet at 10 gal. per minute.  
 Discharge in gal. per min. of flowing well \_\_\_\_\_  
 How Tested Filter Length of Test 5 min  
 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) \_\_\_\_\_

Sec. 14 S. 28 T. 28 R. 22  
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.  
339 ft  
 Show exact depth of bottom.

Doc. No. 14173  
 Filed for record this 22 day of June A. D. 19 70, at 2:00 o'clock P. M.  
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.

47272

#14,173

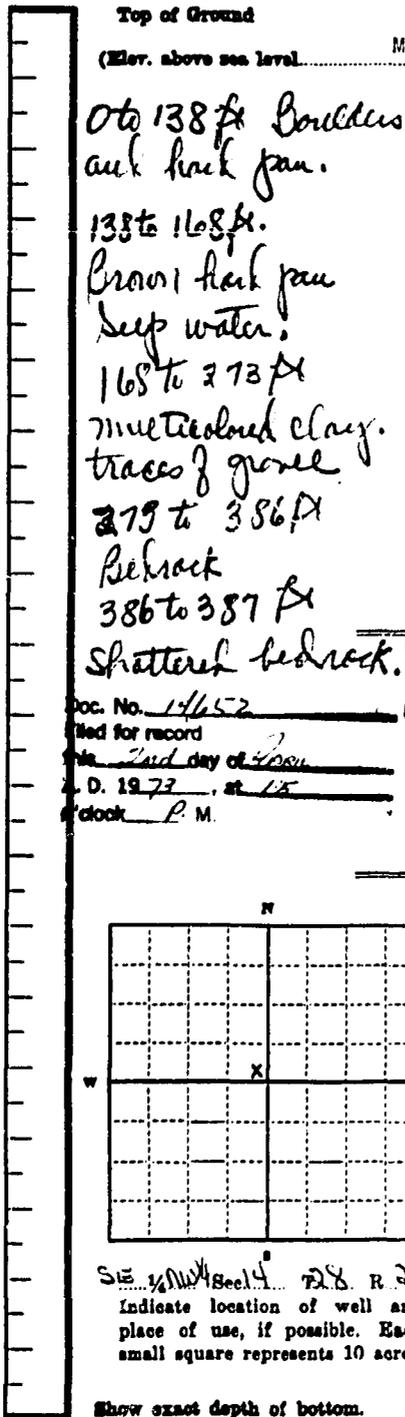
STATE OF MONTANA  
COUNTY OF FLUTHEAD

Filed on the *27<sup>th</sup>* day of *June*  
A. D. 19*72* at *2:00* o'clock *P.M.*

*Glen E. Millhouse*  
Clerk and Recorder

By *Donna Peterson*  
Deputy

RECEIVED 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 James J. Keitly Address Kalispell Mont.

Driller George J. Justice Address Cal. Falls Mont.

Date of Notice of Appropriation of Groundwater None filed

Date well started Sept 22 - 69 Date Completed Sept 27 - 69

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.

Static Water Level for non-flowing Well 70 feet.  
Shut-in Pressure for Flowing Well non-flowing  
Pumping Water Level 310 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  
By George J. 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.

14652

STATE OF MONTANA }  
COUNTY OF FLATHEAD }

Filed on the 2<sup>nd</sup> day of April  
A. D. 1922 at 11 o'clock P.M.

M. J.  
County Clerk and Recorder

By CP  
Deputy

File No. ....

GW 4

T. 28 N R. 22 W 14

County .....

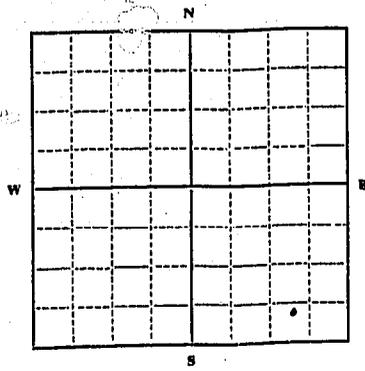
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 23 1964  
PUBLIC ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Norman Lauckner, 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:



SE 4 SE 1/4 Sec. 14 T. 28 N. R. 22 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 use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been..... 1954
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 6 gals
- 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 garden use
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal..... Four flowmeters

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

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..... 6 in pipe 100 ft deep

10. The estimated amount of groundwater withdrawn each year..... 3153600

11. The log of formations encountered in the drilling of each well if available..... sand Rock clay and 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 Norman Lauckner

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.

11/69

STATE OF MONTANA  
COUNTY OF FLATHEAD

Subscribed and sworn to on the 15 day of Jan  
D. 1969 at 2:20 o'clock P.M.

SEA  
County Clerk and Recorder

By [Signature] Deputy

T. 28 22 14  
 County Flathead

F. No. \_\_\_\_\_

TRIPPLICATE

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 Robert J. Nesbitt Address \_\_\_\_\_  
 Driller Homer McClarty Address 945-83 A. 9h

Date of Notice of Appropriation of Groundwater \_\_\_\_\_  
 Date well started Oct 28/68 Date Completed Dec /68

Type of well Drilled Equipment Used 2 1/4" Power  
 (dug, driven, bored or drilled) (Churn, drill, rotary or other) Shel

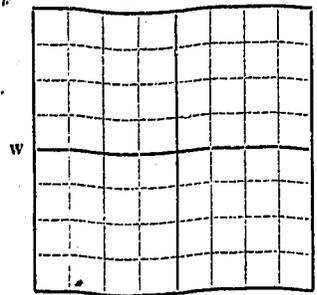
Water Use: Domestic  Municipal  Stock  Irrigation   
 Industrial  Drainage  Other

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

Top of Ground  
 (Elev. above sea level 2980)  
2 ft Top soil  
Gravel, Cobbles  
& boulders  
24 ft.  
Gravel, sand  
Cobbles  
42 ft  
Boulders &  
Hardpan  
120 ft  
Cream color  
hardpan with cobbles  
172 ft  
Glacier till  
190 ft  
Green rock  
211 ft  
Rock <sup>N</sup> <sub>S</sub> Water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7" Gal</u>	<u>23#</u>		<u>186</u>			
<u>5" Gal</u>	<u>15#</u>		<u>157</u>			

Static Water Level for non-flowing Well 100 feet.  
 Shut-in Pressure for Flowing Well \_\_\_\_\_  
 Pumping Water Level 230 feet at 8 1/2 gal. per minute.  
 Discharge in gal. per min. of flowing well \_\_\_\_\_  
 How Tested: Bailer Length of Test 4 hrs



SW 1/4 SW 1/4 SE Sec. 14 T. 28. R. 22  
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.  
289 ft  
 Show exact depth of bottom.

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.

45, 116

GW File No. \_\_\_\_\_

T 28 N 20 W <sup>14</sup>

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
Office Of State Engineer

County Flathead

DUPLICATE

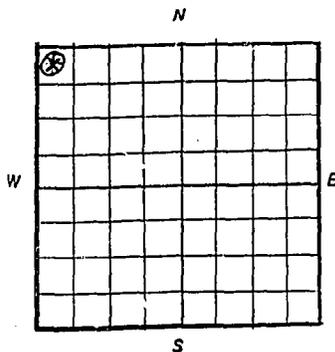
RECEIVED  
APR 17 1962

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

STATE ENGINEER

1. I, Harry W. Jessup, 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:



2. The beneficial use on which the claim is based irrigation, stock watering and domestic.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 10, 1950.  
Use has been continuous since May 10, 1950.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 450 gallons per minute.

5. If used for irrigation, give acreage and description of the lands to which water has been applied and name of the owner thereof The Northwest Quarter of the Northwest Quarter of Section 14, Township 28 North, Range 20 West

N.W. 1/4 NW 14 T28N R 20W

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

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

7. Date of commencement & completion of construction of well, wells, or other works for withdrawal of groundwater Commenced May 5, 1950.  
Completed Construction May 10, 1950.

8. Depth Of Water Table 29 inches

9. As it may be available, type, size, depth of each well or general specification of any other works for withdrawal of groundwater depth of well, 66 feet.  
6 3/4" hole

10. Estimated amount of groundwater withdrawn each year 250,000 cubic feet

11. The log of formations encountered in drilling each well (if available) Clay, Cement Gravel, Sand

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

Signature Harry W. Jessup  
(owner)  
Date April 9, 1962

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.

STATE OF MONTANA)  
County of Flathead : ss

Harry W. Jessup, having first been duly sworn, deposes and says that he is of Lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Harry W. Jessup

Subscribed and sworn to before me, this 9th day of April, 1962.

(SEAL)

Ambrose G. Measure  
Notary Public for State of Montana  
Residing at Kalispell, Montana  
My commission expires September 6, 1962

By AM Deputy  
County Clerk and Recorder  
Filed on the 13 day of April  
A.D. 1962 at 9:20 o'clock AM  
J. E. M.

9306



141449

STATE OF MONTANA }  
COUNTY OF FLATHEAD } SS

Filed on the 22 day of June  
A. D. 1928 at 12:30 o'clock P. M.

Ben  
County Clerk and Recorder

By W.H. Deputy

*[Faint handwritten notes and signatures, including the number 141449, are scattered across the page.]*

File No. 14310 WATER RESOURCES BOARD  
 Filed for record **RECEIVED**  
 this 2 day of August  
 A. D. 19 71, at 11:00 A.M. & 1971  
 of Clock P.M.

SPN 2000 - 14  
 T R  
 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 K. D. Leffler Address Creston  
 Driller Homer McCarty Address 945-8th St. G. H.

Date of Notice of Appropriation of Groundwater.....  
 Date well started June 28/71 Date Completed July 5/71

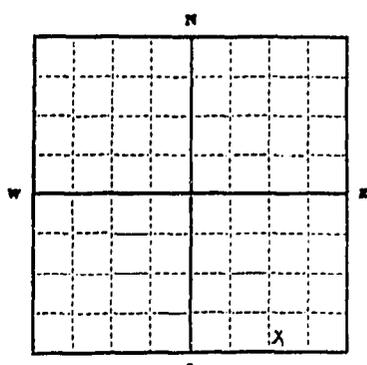
Type of well Drilled Equipment Used 2 1/4" T. E.  
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)

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 2980)  
1ft Top soil  
Gravel & Cobble  
12ft Gravel  
87ft Gravel with silt  
132ft Course Water sand

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
<u>7" O.D.</u>	<u>23 #</u>		<u>143</u>			



S.E. 1/4 Sec. 14, T. 58, R. 20  
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.  
143ft  
 Show exact depth of bottom.

Static Water Level for non-flowing Well 75 feet.  
 Shut-in Pressure for Flowing Well.....  
 Pumping Water Level 83 feet at 16 1/2 gal. per minute.  
 Discharge in gal. per min. of flowing well.....  
 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).....

18  
 Driller's License Number  
Homer McCarty  
 Driller's Signature  
McCarty Well Drilling

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.

48823

14,310

1855  
in the 2 day of Aug  
1871 at 11 o'clock A M  
County Clerk and Recorder  
M. J.  
Dane

Fl. No. ....

GW #

T. 28N R. 20W

County Flathead

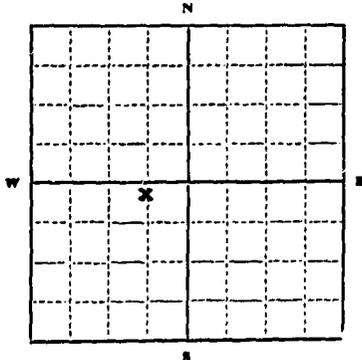
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 30 1963  
STATE ENGINEER

Oscar J. A. Russell and  
1. Byrdie B. Russell 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:



E 1/4 Sec. 14 T. 28N R. 20W

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 and livestock watering.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been For more than 20 years.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 450 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 80 acres, being the East Half of the Southwest Quarter of Sec. 14, T. 28 N., R. 20 W., N.P.M.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Natural flowing spring.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not applicable.
8. The depth of water table Not applicable.
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 Not applicable.
10. The estimated amount of groundwater withdrawn each year 22,000,000 gallons.
11. The log of formations encountered in the drilling of each well if available Not applicable.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Spring is located approximately 427 feet West of the point that is the center of the aforesaid Sec. 14.

Signature of Owner Oscar J. A. Russell  
Byrdie B. Russell

Date December 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.

14550

10,167

23 Dec  
63 35  
26 M  
JH  
Deput.

File No. ....

GW #

T. 28N h. 20W - 14

County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

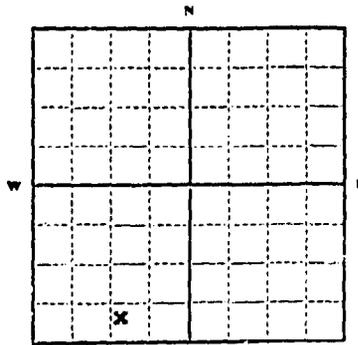
RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Oscar J. A. Russell and Byrdie B. Russell 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:



SW 1/4 Sec. 14 T. 28N, 20W

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. Household water, livestock water and garden irrigation

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. Continuously for more than 30 years.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 500 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. Garden plot near the southwest corner of the ESW 1/4 of Sec. 14, T. 28 N., R. 20 W., M.P.M.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Well is located near the SW corner of the ESW 1/4 of the aforesaid Section 14. Pump is used.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well drilled in 1944.

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 pumps (specifications of any other works for the withdrawal of groundwater). A drilled well with 7 inch cast iron casing 110 feet in depth.

10. The estimated amount of groundwater withdrawn each year. 400,000 gallons.

11. The log of formations encountered in the drilling of each well if available. At 25 feet, quicksand, at 40 feet, quicksand, at 60 feet, water and quicksand, at 90 feet, rock.

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

Signature of Owner Byrdie B. Russell  
Date December 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.

14548