

R-205

160829

Water Report

to C. Edwin Baldwin

to

The Public

STATE OF MONTANA

County of Lake.

Filed on the 19 day of August

A. D. 1963 at 2:14 o'clock P.M.

HAZEL KINNICK

County Clerk and Recorder

By

H. Braus

Deputy

\$2.00

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

19

File No. ....

T 23<sup>rd</sup> R 19<sup>th</sup>

DUPLICATE

County .....

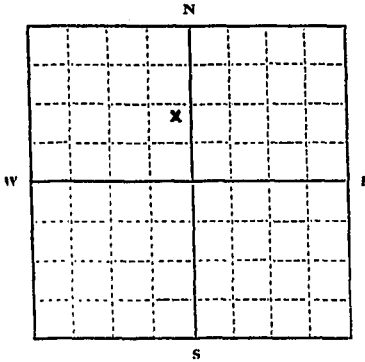
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

Declaration of Vested Groundwater Rights  
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

GERTRUDE E. BEARDSLEY  
1. LUCIAN B. BEARDSLEY of FINLEY POINT POLSON  
(Name of Appropriator) (Address) (Town)  
County of LAKE State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 1/4 Sec. 10 T.23 R. 19

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 DIRECT

3. Date or approximate date of earliest beneficial use; and how continuous the use has been SEPT. 20, 1956

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 11, 1956 to Sept. 20, 1956

8. The depth of water table 11" rise

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 1.66" 8" dept - 6" welded pipe

10. The estimated amount of groundwater withdrawn each year 116,116 gal.

11. The log of formations encountered in the drilling of each well if available 0-3' silty sand, 3' to 11' dry sand, 11' to 11.7' silty clay, 11.7' to 13.1' fine sand, 13.1' to 15.7' fine sand, 15.7' to 16.8' small grain mixed with sand - water bearing 11' rise

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 Gertrude E. Beardsley  
L. B. Beardsley  
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.

17432

R625

162953

Water Report  
Gertrude L. B. Beardsley Sr.  
to  
The Public

STATE OF MONTANA

County of Lake,

Filed on the 30 day of Dec  
A. D. 1963 at 12:50 o'clock P. M.

County Clerk and Recorder

By

E. Cowman

Deputy

\$2.00

19

File No. ....

T. 23N. R. 19. W.

DUPLICATE

County. Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

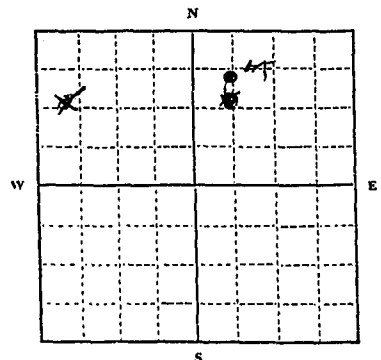
RECEIVED  
NOV 27 1963

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

STATE ENGINEER

1. J. E. Betzing, of Finley Point Polson  
(Name of Appropriator) (Address) (Town)

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



n Part Lot 4  
SW 1/4 NE 1/4 Sec. 19 T. 23 R. 19

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. September 1952  
continuous from date

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 200 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. two acres - garden and lawn owned by J. E. Betzing

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. September 1952

8. The depth of water table. 154 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. 6 inch casing, drilled well, depth 174 ft.

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

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 J. E. Betzing  
Date November 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.

7553

R293 162048

Water Report  
of E. Betzing  
to  
The Public

STATE OF MONTANA  
County of Lake,  
Filed on the 18 day of Nov  
A. D. 1962 at 3:30 o'clock P.M.  
HAZEL KINNICK  
County Clerk and Recorder  
By S. Coe Deput

File No. ....

T. 23 N R. 19 W

Polson Villa Part of 4, 5 & 6, 1  
County Lake

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUN 26 1963

STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 22 1916

Owner Iver L. Brujord / Goldie E. Brujord  
Address Polson, Montana

Contractor (if any) James A. Hyer

Address of Contractor Polson, Montana

Date Started 6-22-16 Date Completed 6-25-16

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

of the lots at the Flathead lakeshore. A dome shaped concrete enclosure was made over a spring about 2 foot deep and piped to the two cottages for household use.

This was done to keep the lake water out of the spring.

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 NE 1/4 Sec. 19 T. 23 R. 19

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

Signature of Owner Iver L. Brujord Goldie E. Brujord

Date June 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

R170

160117

Joer L. & Goldie E.  
Bryard  
to  
The Public

STATE OF MONTANA

County of Lake, <sup>SA</sup>

Filed on the 20 day of June  
A. D. 1963 at 4:30 o'clock P.M

HAZEL KINNICK

County Clerk and Recorder

By G. Cowman  
200 Deputy

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—39318

File No. ....

T. 23 N R. 19 West

DUPLICATE

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964

Notice of Completion of Groundwater Appropriation  
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1960

George M. and

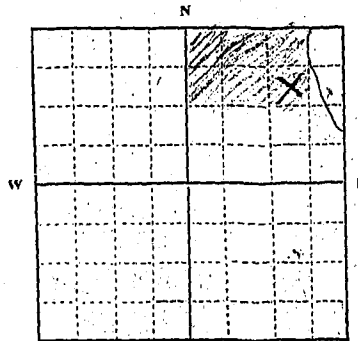
Owner Florence Clarkson address Havre, Montana

Contractor (if any) Irving Ball

Address of Contractor St. Ignatius, Montana

Date Started March 15, 1960 Date Completed March 15, 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. excavated existing spring, and cleaned it out; spring enclosed with 2 foot culvert to a depth of 6 feet; water piped out.



NW 1/4 NE Sec. 19 T23N R. 19W.

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 100 gallons per

minute based on capacity of pipe and pump.

Water used in spring, summer and fall for irrigating garden and orchard; and used throughout the year for household and domestic purposes.

Signature of Owners

George M. Clarkson  
Florence Clarkson

Date December 24, 1963

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

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

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

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

19620



R. 1678

10-3-015

George M. + Florence  
Clarkson  
To  
The Public

STATE OF MONTANA

County of Lake

Filed on the 22 day of

A. D. 1905 at 4.00 clock P. M.

County Clerk and Recorder

Rm

Debit

File No. ....

T. 23 R. 19

DUPLICATE

County Lake

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

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

WELL LOCATION LINLEY POINT

(Under Chapter 237, Montana Session Laws, 1961)

- 0-4 Black dirt and Gravel
- 4-9 Clay and Gravel
- 9-22 Sand and Gravel
- 22-152 Sand and Water
- 162-165 Fine Sand and Clay
- 165-166 Sand and Water
- 166-296 Fine sand and Clay
- 296-297 Sand and Water
- 297-301 Clay Gravel & Water
- 301-306 Sand Gravel & Water
- 306-399 Clay, Gravel & Water
- 339-354 Sand and Water
- 354-362 Clay, Gravel and Water
- 362-383 Clay, Rock & Gravel
- 383-386 Sand and Water
- 386-397 Clay, Gravel & Water
- 397-398 Gravel & Water

Owner, **Laurens Edwards** Address 201 5th Ave. East  
CAMP WELL DRILLING & Folsom, Montana  
 Driller, **PUMP SUPPLY** Address 1522 E. 16th W.  
Missoula, Montana

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

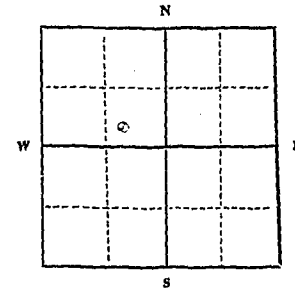
Date well started Feb. 12, 1970 Date completed March 5, 1970

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D.	5" I.D. 7 lb per ft.	1' above S.L.	10'			none



Static Water Level for non-flowing well ..... 30 feet.  
 Drawdown = 72'  
 Shut-in Pressure for Flowing Well.....  
 Pumping Water Level..... feet  
 at ..... 75 gal. per minute.  
 Discharge in gal. per min. of flowing well .....

How Tested.....

Length of Test.....

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

SE 1/4 NW Sec 19 T23 R19  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

License 7  
Driller's License Number

*Laurens Edwards*  
Driller's Signature  
CAMP WELL DRILLING & PUMP SUPPLY

R-1198

193029

Laurens Edwards

to

The Public

WELL REPORT

MONTANA WATER RESOURCES BOARD

RECEIVED

APR 2 1970

STATE OF MONTANA )  
County of Lake )

Filed on the 1st day  
of April A.D. 1970 at  
2:10 o'clock P.M.  
Ethel M. Harding  
Clerk and Recorder

\$2.00

*Jewel Beitz*  
Deputy

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

T. 23 R. 19

ORIGINAL

County \_\_\_\_\_ Lake \_\_\_\_\_

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

Notice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1982

WELL LOCATION - FINLEY POINT

(Under Chapter 237, Montana Session Laws, 1961)

- 0-4 Black Dirt and Gravel
- 4-9 Clay and Gravel
- 9-22 Sand and Gravel
- 22-162 Sand and Water
- 162-165 Fine Sand and Clay
- 165-166 Sand and Water
- 166-286 Fine sand and Clay
- 286-297 Sand and Water
- 297-301 Clay Gravel & Water
- 301-306 Sand Gravel & Water
- 306-339 Clay, Gravel & Water
- 339-354 Sand and Water
- 354-362 Clay, Gravel and Water
- 362-383 Clay, Rock & Gravel
- 383-386 Sand and Water
- 386-397 Clay, Gravel & Water
- 397-398 Gravel & Water

Owner Laurens Edwards

Address 201 6th Ave. East

CAMP WELL DRILLING &

Polson, Montana

Driller PUMP SUPPLY

Address 1522 S. 14th W.

Missoula, Montana

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

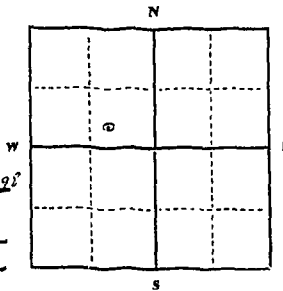
Date well started Feb. 13, 1970 Date completed March 9, 1970

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D.	6 1/2" I.D. 17 lb per ft.	1 1/2' above G.L.	398'		none	



Doc. No. 193029 R-1198  
Filed for record  
this 1 day of April  
A. D. 19 70, at 5:10  
o'clock P. M.

Static Water Level for non-flowing well ..... 30 feet.

Drawdown - 72'  
Shut-in Pressure for Flowing Well.....

Pumping Water Level..... 102 feet  
at..... 75 gal. per minute.

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

How Tested AIR COMPRESSOR

Length of Test 4 hours

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

SE 1/4 NW Sec. 19 T. 23 R. 19  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Domestic

Show exact depth of bottom.

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

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

License # 7

Driller's License Number

Laurens Edwards  
Driller's Signature CAMP WELL DRILLING & PUMP SUPPLY

STATE OF MONTANA,  
County of Lake } ss.

Laurens Edwards having first been duly sworn, depose and say that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well 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.

*Laurens W Edwards*

Subscribed and sworn to before me, this 1st day of April  
Eichel M. Harding  
Notary Public for the State of Montana.  
Residing at *Palom, Montana*  
My Commission expires 9-10-70



MONTANA WATER RESOURCES BOARD  
RECEIVED  
APR 2 1970

STATE OF MONTANA )  
County of Lake )

Filed on the 1st day  
of April A.D. 1970 at  
2:10 o'clock P.M.  
Ethel M. Harding  
Clerk and Recorder

*Ethel M Harding*

R-1198  
193029  
Laurens Edwards  
to  
The Public  
WELL REPORT

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

T. 23<sup>N</sup> R. 19<sup>W</sup>  
County LAKE

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 10 1964

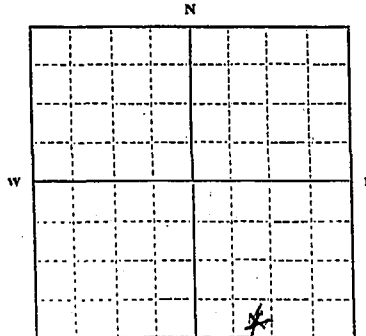
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Magnus Granmo home address, of 721 E. Front. Missoula, Montana.  
(Name of Appropriator) (Address) (Town)

County of Lake location of this property of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



TR L CLIFFORD BEACH ORCHARD  
SE 1/4 SW 1/4 SE Sec. 19 T. 23 R. 19

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.....1947 continuous since then

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....800 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  
1 acre. Used for small vegetable garden, balance in lawns and shrubs

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
1 1/2 HP electric for each of 2 wells

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
1947 first well  
1948 second "

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

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....  
No. #1 well 3' square 6' deep  
No. #2 " 3' x 4' 6' "

10. The estimated amount of groundwater withdrawn each year.....Property is used only 9 months of 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 Magnus Granmo

Date 12-21-63

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.

28967

R890

D. 163976

Magnesium Oxide  
to  
The Public

STATE OF MONTANA  
County of Lake.

Filed on the 6<sup>th</sup> day of Jan  
A. D. 1964 at 8:50 o'clock 9 M

HAZEL KINNICK  
County Clerk and Recorder

By G. Cowman  
Deputy

G.

19

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

T. 23 R. 19W

DUPLICATE

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUL 29 1964

STATE ENGINEER

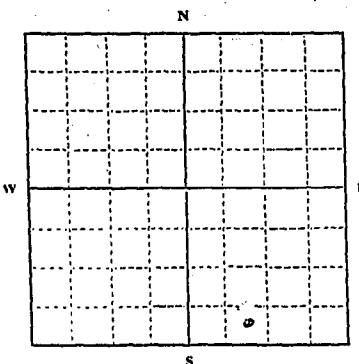
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lester Hightower & S. P. Olson, of Missoula, Mont.  
(Name of Appropriator) (Address) (Town)

County of Missoula State of Montana

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.....

Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. May 19, 1960 continuous

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

SE 1/4 Sec. 19, T. 23, R. 19W

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

Lots O, P & Q Clifford Beach Orchard Homes Addition

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
Date of commencement May 17, 1960 Completed May 19, 1960

8. The depth of water table 39 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.  
6" inside dia. 19 in. casing, Ground level 56 ft. 15.

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

11. The log of formations encountered in the drilling of each well if available.  
0 to 11' Sand, gravel & some clay, 11' to 37' large gravel some clay, 37' to 45' sand & clay, 45' to 53' alt. layers of clay & gravel, clay & sand, 53' to 54' small gravel sand & water, 54' to 56' clean coarse gravel & water, 56' to 67' fine sand pulled back to 56'

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. This well is for use of Lots O, P & Q, jointly owned by S. P. Olson and Lester Hightower

Esther W. Hannah  
Notary Public for the State of Montana  
Residing at Missoula, Mont.  
My Commission Expires February 16, 1967

Signature of Owner S. P. Olson  
Lester Hightower  
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.

38326



166405  
R-949 Water Report

Lester Hightower +  
S. P. Olson  
To  
The Public

STATE OF MONTANA  
County of Lake,  
Filed on the 27 day of July  
A. D. 1964 at 1:20 o'clock P. M.  
HAZEL KINNICK  
County Clerk and Recorder  
By Max Johnson  
2.00 Depositor

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—50551

File No. 193713

MONTANA WATER RESOURCES BOARD

RECEIVED

T. 23N R. 19W

DUPLICATE

MAY 21 1970

County \_\_\_\_\_

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

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

(Under Chapter 297 Montana Session Laws, 1961, as amended)

**Orville K. Oms**

Owner: ~~XXXXXXXXXX~~ Address: Finlay Point, Polson

Driller: CAMP WELL DRILLING & PUMP SUPPLY Address: 1522 S. 14th W. Missoula, Montana

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started: April 30, 1970 Date completed: May 11, 1970

Type of well: Drilled Equipment used: Churn Drill

(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic  Municipal  Stock  Irrigation

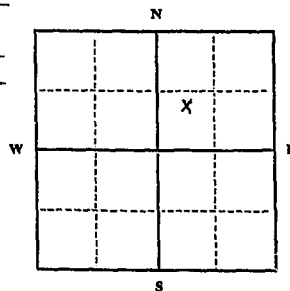
Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kar+ Size	From (Feet)	To (Feet)
6" I.D.	6" I.D. 17 lb per ft.	1' above g.l.	270			

Top of Ground (Elev. above sea level.....)	Strata
0-113	Clay and Gravel
113-137	Sandy clay, Sand and Gravel
137-146	Sand
146-155	Sand and seeps of water
155-201	Sand and water
201-239	Coarse sand and Water
239-261	Sandy clay
261-268	sand and water
268-270	Sand, Gravel & Water

Doc. No. 193713  
Filed for record this 20 day of May A. D. 19 70, at 11:15 o'clock PM M.



Static Water Level for non-flowing well ..... 144 feet.

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

Pumping Water Level..... 155 feet

at..... 75 gal. per minute.

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

How Tested: Test Pump

Length of Test..... 24 hours

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

SW NE 4 Sec. 19 T. 23 R. 19  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

License # 7  
Driller's License Number

Glenn Camp  
Driller's Signature. CAMP WELL  
DRILLING & PUMP SUPPLY  
46465

193713

R-1205

WELL REPORT  
ORVILLE K. OMA  
TO  
THE PUBLIC

STATE OF MONTANA ( ss  
COUNTY OF LAKE (

Filed on the 20 day of May  
A.D. 1970 at 11:15 o'clock  
A.M.

Ebel M. Harding  
By: *James Bents*  
Deputy

\$2.00

File No. ....

T. 23 R. 19

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUND WATER CODE  
OFFICE OF STATE ENGINEER  
JUL 8 1965

RECEIVED

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

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

(Under Chapter 237, Montana Session Laws, 1961)

0 to 8' Clay & gravel

Owner Bruce Thurston Address Finley Point, Mont

8' to 19' Loose sand

Driller Glean Camp 705 Alder Address Missoula, Montana

& gravel

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

19' to 42' Lg gravel

Date well started 11/18/64 Date Completed 12/1/64

& Clay

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

42' to 59' Tan clay

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

59' to 78' Sand & clay

78' to 102' Silty sand

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.

102' to 117' Gravel &

sand

117' to 123' Water, sand

& gravel

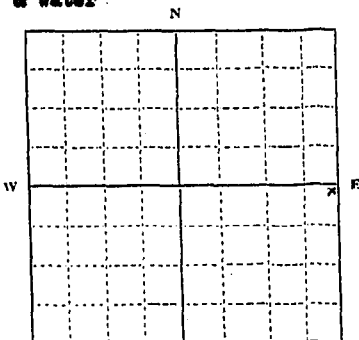
123' to 139' Silty sand

& water

139' to 145' Small gravel

& water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D.	2'-4" above G.L.				
	18.97 # to foot	to 156'-4"	None			



145' to 150' Silty sand  
Show exact depth of bottom.  
150' to 154' Gravel & water

Static Water Level for non-flowing Well..... 97' feet.

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

Pumping Water Level... 128 feet at... 10 gal. per minute.

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

How Tested Test Pump Length of Test 2 1/2 hours

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

Licence # 7

Driller's License Number

Glean Camp  
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.

39278

R-1001

17/15/55

Attest Report  
Bruce Thurston  
to  
The Public

STATE OF MONTANA }  
County of Lake } ss

Filed on the 1 day of July  
A. D. 1965 10:30 o'clock A.M.

HAZEL KINKADEE  
County Clerk and Recorder

By M. Kraus  
Deputy

\$ 2.00

JUN 12 1967

T 23 R 19

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

DUPLICATE

Name: \_\_\_\_\_ McDermott \_\_\_\_\_ County: Lake  
 Butte: \_\_\_\_\_  
 Coyle: \_\_\_\_\_ STATE OF MONTANA  
 Darlington: \_\_\_\_\_ ADMINISTRATOR OF GROUNDWATER CODE  
 Dickert: \_\_\_\_\_ STATE WATER CONSERVATION BOARD

LOG

Top of Ground \_\_\_\_\_  
 (Elev. above sea level 3200')

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

Formations Log:

- 0 - 14 Gravel, cobblestones & some tan clay.
- 14 - 68 Clean sand & gravel.
- 68 - 91 Silty sand & gravel.
- 91 - 171 Fine sand imbedded in tan silt.
- 171 - 176 Coarse sand & fine gravel, some tan clay.
- 176 - 207 Sand, gravel & silty water. SWL 147'
- 207 - 214 Clean coarse gravel & water. SWL 147'

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

Owner: Stanley Thurston Address: Polson, Montana

Driller: Liberty Drilling Co. Address: Missoula, Montana

Date of Notice of appropriation of groundwater: None filed

Date well started: 3/23/67 Date completed: 3/31/67

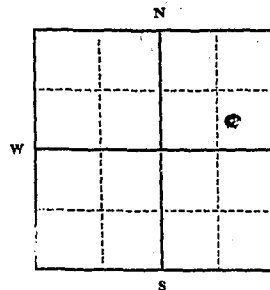
Type of well: Drilled Equipment used: Cable Tools  
 (Dug, driven, bored or drilled) (Churn drill, rotary or other)

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)
6"	6 5/8" OD x 3/4"	+1'8"	214'	NONE		

Water rises in the well 143 feet from surface.



Static Water Level for non-flowing well \_\_\_\_\_ feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_ feet

Pumping Water Level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per minute.

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

How Tested: Air Lift Pump

Length of Test: Two hours

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

SE 1/4 Sec. 19 T. 23 N. R. 19 W.  
 Indicate location of well and place of use, if possible. Each small square represents .40 acres.  
all water entering well is coming through the open bottom of six inch casing. Wells with open bottom completions in this area can be depended upon to produce clear sand free water year after year as long as they are  
 (Continue on reverse side)

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

Alson Villa Site Lot 2 Block 2 used Garden

Show exact depth of bottom.  
 Bottom of hole 214'

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

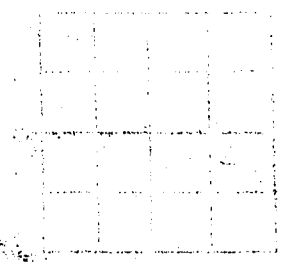
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number \_\_\_\_\_  
William P. Colome  
 Driller's Signature.

42,055

R1071

18096  
Stanley Thurston  
to  
The Public



not overpumped, i.e., they should be pumped at rates less than 25 to 50 percent of the tested capacity of the aquifer.

STATE OF MONTANA } ss  
 County of Lake }  
 Filed on the 8 day of June  
 A. D. 1967 at 11:40 o'clock AM  
 ETHEL M. HARDING  
 County Clerk and Recorder  
 by *Carol Carson*  
 Deputy

19

File No.

RECEIVED

T.23N R.19W

TRIPLICATE

JUN 4 1970

County Flathead Lake

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground Approx.  
(Elev. above sea level 2900 ft.)

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

**Formations Log:**

- 0 - 1 Black dirt and gravel.
- 1 - 64 Silty sand and gravel.
- 64 - 163 Brown sand imbedded in tan silt.
- 163 - 166 Brown silty sand and few gravels mixed in.
- 166 - 169 Clean coarse gravel. Some water, but too thin a strata to successfully develop well.
- 169 - 174 Tan silty clay.
- 174 - 185 Coarse silty sand and gravel. Some silty water.
- 185 - 198 Clean coarse gravel with very little sand. Good water.
- 198 - 208 Fine sand and gravel.

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

Owner Mr. Stanley Thurston Address Poleon, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 11/17/69 Date completed 11/23/69

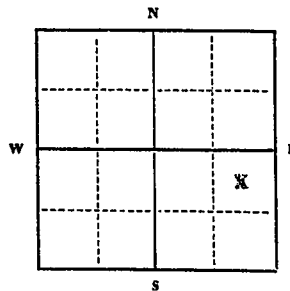
Type of well Drilled Equipment used Cable tools  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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)
8"	8 5/8" OD x 1/2"	+1	208	Mills knife	187	198

Water rises in well 133 feet from surface.



Static Water Level for non-flowing well 133 feet.

Shut-in Pressure for Flowing Well None

Pumping Water Level 145 feet at 400 gal. per minute.

Discharge in gal. per min. of flowing well None-flowing

How Tested W. Lift Pump

Length of Test 14 hours

N. 1/4 Sec. 19, T. 23N, R. 19W

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

used to produce clear sand free water year after year as long as they are not (Continue on reverse side)

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

Clifford Beach Orchard Homes 13-14-15  
16 1972 acres

Show exact depth of bottom.  
Bottom of well 208 ft.

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

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

52  
Driller's License Number

William F. Adams  
Driller's Signature.

46514



R-1210

193868

Will Report

Stanley Thurston

To

The Public

STATE OF MONTANA } ss  
County of Lake  
Filed on the 1 day of June  
A. D. 19 70 at 3:34 P. M.  
ETHEL M. HARDING

County Clerk and Recorder  
By *Carlson* Deputy

overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

File No. ....

T. 23N R. 19W Sec 19

DUPLICATE

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1963

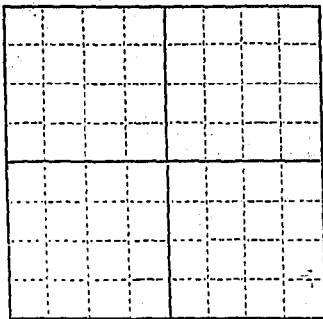
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

James K Montgomery  
Dorothy C Montgomery (Name of Appropriator) of Finley Point Polson (Address) (Town)

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



C  
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1/4 Sec T R  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.  
Clifford Beach Orchard  
Homes, Part of Lot 7

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 June 14, 1961  
continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 G.P.M.

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

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 June 12, 1961 - June 14, 1961

8. The depth of water table 52'

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 - 6" welded casing

10. The estimated amount of groundwater withdrawn each year No record kept guess 40000 gal.

11. The log of formations encountered in the drilling of each well if available  
6" to 8" base gravel + clay - 8 to 18 sand + clay - 17 8 to 27  
sand + clay - 27 to 56' Dry sand + gravel - 56 to 68'  
sand + gravel with water - 68 to 71' clay - 71 to 78' sand  
gravel + 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 Lake County Tax Record  
Book 5 page 17, line 5

Signature of Owner

James K Montgomery  
Dorothy L. Montgomery

Date

Dec 21, 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.

19624

R-682 163019

James H. & Dorothy C.  
Montgomery  
to  
The Public

STATE OF MONTANA  
County of Lake  
Filed on the 11 day of Dec  
A. D. 1963 at 4:30 clock P.M.  
Munick  
County Clerk and Recorder  
Deputy


Owner: James H. & Dorothy C. Montgomery

Driller: Churn Drill

Date Started: June 12, 1961

Location: Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_

Equipment used: Churn Drill  
(Grimm, grill, rotary, other)

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

Water use: Domestic  Municipal  Stock  Irrigation

DEPARTMENT OF MINES AND GEOLOGY  
MONTANA BUREAU OF MINES AND GEOLOGY  
BUTTE, MONTANA

418

T. D3N R. 19W Sec 19  
County Lake

RECEIVED  
AUG 13 1961

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

STATE ENGINEER

WATER WELL LOG


Owner J.K. Montgomery Address 532 South Ave. E.  
Driller Glenn Camp 705 Alder Address Missoula  
Date Started June 12, 1961 Date Completed June 14, 1961  
Location: Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_  $\frac{1}{4}$  sec. \_\_\_\_\_

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: ground level ft. to 78'-2" ft. Type Seamless Size 6" I.D.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

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

Type of screen or perforations \_\_\_\_\_

Static Water level, for non-flowing well: 52' feet.

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

Pumping water level 52' feet at 15 gal. per min. no drawdown

How tested: Bailer

Length of test 3 hours

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

Put in exact location and file all 3 copies with the County Clerk & Recorder

Location on other side, (over)

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0 to 6'		Top soil
6'	8'	loose gravel & clay
8'	18'	Sand & clay
18'	27'	Sand & clay
27'	56'	Dry sand & gravel
56'	68'	Sand, gravel with water
68'	71'	Clay
71'	78'	Sand & gravel with water
Location of well		
That part of lot seven (7) of Clifford Beach Orchard Homes, Lake County, Montana,		
described as follows:		
Commencing at the southeasterly corner of said lot 7 and proceeding thence		
in a northerly direction along the east line of said lot 7 150 feet, thence westerly		
and parallel to the south line of said lot 7 a distance of 216 feet, thence southerly		
and parallel to the east line of said lot 7 150 feet to the south line of said lot		
7, thence easterly along south line of said lot 7 a distance of 216 feet to the		
point of beginning.		
		B STATE OF MONTANA Clerk of Lake, Filed in the 19 day of July A. D. 1921 at P.O. of Lake, R.M. HAZEL KENNICK County Clerk and Recorder Lake County, Montana Done
		J. K. Montgomery Water Well Log 15/2/20 R 39

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

T. 23 N. R. 19 W.

DUPLICATE

County Lake

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

RECEIVED  
 JAN 10 1964

Declaration of Vested Groundwater Rights

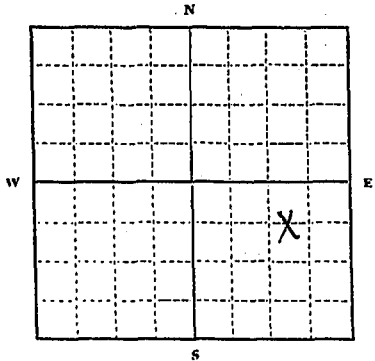
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1 Charles M. Adams & Wanda L. Adams, of Finley Point, Polson  
 (Name of Appropriator) (Address) (Town)

County of Lake State of Montana

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



W  $\frac{1}{2}$  NE  $\frac{1}{4}$  SE  $\frac{1}{4}$  Sec 20 T 23 R 19

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.  
West Half Tract 3 of Lot 5, Section 20, Township 23 N., Range 19 West.

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...  
August 30, 1951

4. The amount of groundwater claimed (in miner's inches or gallons per minute)...  
1500 gallons per day

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof...  
2  $\frac{1}{2}$  acres

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...  
8-30-51 to May 31, 1952

8. The depth of water table...  
three 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...  
spring area three feet in depth and ten feet in circumference

10. The estimated amount of groundwater withdrawn each year...  
average 1500 gallons per day

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...

Signature of Owner Charles M. Adams  
Wanda L. Adams  
 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.

28979

7.R 905  
163429

STATE OF MONTANA  
County of Lake,  
Filed on the 2 day of Jan  
A. D. 1964 at 1:13 o'clock P.M  
HAZEL KINNUCK  
County Clerk and Recorder  
By E. Cowman  
Deputy

File No. ....

DUPLICATE

T. 23 N. R. 19 S. 20 E.  
RECEIVED  
JAN 6 1964

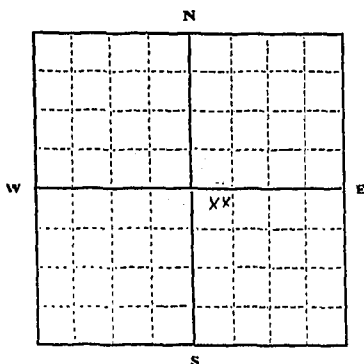
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. BARTO J. BURFENING, of Finley Point Rt., Folsom  
(Name of Appropriator) (Address) (Town)  
County of Lake State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



*N.W. 1/4 S.E. Sec. 20, T. 23 R. 19.*

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

*In Lots 5 and 6 of the Sutherland Beach Tracts*

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... Prior to 1947 and used continuously since that date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... Eighty-five (85) 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... Five (5) Acres orchard, lawn and garden, owned by BARTO J. BURFENING.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Three (3) Electric Pumps on the above described property in Two (2) wells.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Prior to 1947.

8. The depth of water table... Approximately Seven (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... One well is Six (6) Feet in Diameter, Ten (10) Feet Deep, Steel casing; Second well is Four Feet by Four Feet by Ten Feet Deep (4'x4'x10') and Concrete Walls.

10. The estimated amount of groundwater withdrawn each year... 6,320,000 Gallons.

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

Signature of Owner Barto J. Burfening  
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.

24219



OR 718

163060

Barto J. Berfening  
To  
The Public

STATE OF MONTANA  
County of Lake,  
Filed on the 31 day of Dec.  
A. D. 1963 at 9:27 o'clock A. M.  
HAZEL KINNICK  
County Clerk and Recorder  
By E. Cowan  
Deputy

20

File No. ....

T. 23 N. R. 19 W.

DUPLICATE

County of Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

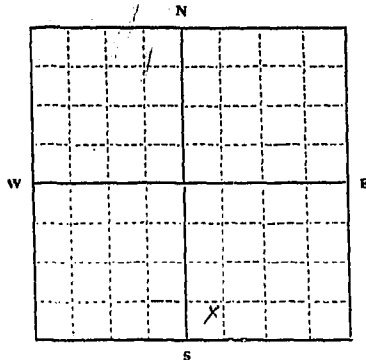
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. KATHRYN E. GOTTWIG BURFENING, of FINLEY POINT RT., POLSON,  
(Name of Appropriator) (Address) (Town)

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



S.W. 1/4 S.E. Sec. 20, T. 23R. 19

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 irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... Prior to 1945 and has been used continuously since that date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... Approximately 400 gallons per 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... Approximately Eight (8) Acres - orchard, garden and lawn, owned by KATHRYN E. GOTTWIG BURFENING.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Prior to 1945.

8. The depth of water table... Ninety (90) 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... Ninety (90) Feet in depth with an Eight (8) Inch Casing.

10. The estimated amount of groundwater withdrawn each year... 400,000 Gallons more or less.

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, Kathryn E. Gottwig Burfening  
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.

24220

R719

163061

Water Report  
Kathryn Gottwig  
Burfening

To

The Public

STATE OF MONTANA

County of Lake

Filed on the 31 day of Dec

A. D. 1962 at 10:37 o'clock A.M.

~~HAZEL KENNICK~~

County Clerk and Recorder

By

Cowman

Deputy

23N-19W  
County LAKE 20

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

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.

**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

MAR 23 1971

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 Herbert Cahill

Address Finley Point

Polson, Montana

Date well started Jan. 3, 1971

completed Jan. 11, 1971

For Administrator's Use	
File	<u>1255</u>
	<u>MARCH 22</u>
	<u>10:02 AM</u>

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn drill

(Churn drill, rotary or other)

Water Use: Domestic  Municipal  Stock  Irrigation

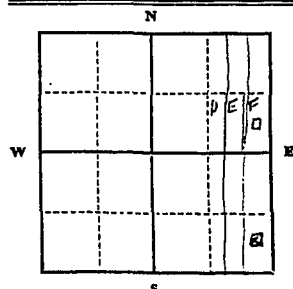
Industrial  Drainage  Other \* Garden/Lawn

\*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 3,000,000 gals.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17#	9 down	97	---	---	---



SW 1/4 SW 1/4 Sec. 20  
T. 23 N R. 19 E

Static water level 47 ft.\*  
Pumping water level 50 ft.\*  
at 50 gallons per minute,  
measured 60 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by Compressor  
for 3 hours.  
Power..... Pump..... HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0	Pit
10	Silty sand
47	Static water level
50	Silty sand and water
76	Clay
80	Sand, gravel and water
97	

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

Driller's Signature Charles J. Hillman

Driller's Address C.K.G. DRILLING, Box 670, Missoula

LICENSE NO. 185

97 Show exact depth of bottom

48246

R- 1255

197706

**WELL REPORT**  
**HERBERT CAHILL**  
**TO**  
**THE PUBLIC**

STATE OF MONTANA }  
County of Lake } ss

This is on the 22 day of March

A.D. 1977 at 10:02 o'clock A.M.

**ETHEL M. HARDING**  
County Clerk and Recorder.

By Barbara B. ...  
Deputy  
200

THIS REPORT WAS FILED FOR RECORD IN THE OFFICE OF THE COUNTY CLERK AND RECORDER OF LAKE COUNTY, MONTANA, ON MARCH 22, 1977, AT 10:02 A.M.

0

RECORDED & INDEXED  
MARCH 22 1977  
COUNTY CLERK AND RECORDER  
LAKE COUNTY, MONTANA

0

GW 2

MONTANA WATER RESOURCES BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—50551

RECEIVED

File No.

T. 23N R. 19W

DUPLICATE

MAY 22 1970

County

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

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

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

Top of Ground

(Elev. above sea level.....)

Well located on Finley Point

0-8 Gravel & Clay

8-113 Sandy Clay

113-116 Sand and Water

116-143 Silty Sand & Water

143-150 Sand, Gravel & Water

150-152 Sand, Gravel & Water

1 1/2' gravel core in Bottom of well

1526 Tulane, Rd.

Claremont, Calif.

91777

1522 S. 14th W.

Owner: R. K. Campbell Address: 1526 Tulane, Rd. Claremont, Calif. 91777

Driller: CAMP WELL DRILLING & PUMP SUPPLY Address: 1522 S. 14th W.

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

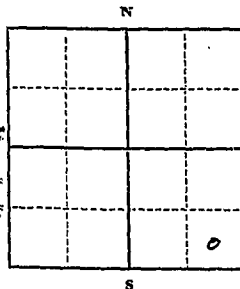
Date well started April 21, 1970 Date completed April 24, 1970

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D.	6" I.D.	117' above G.L.	152'		none	



Doc. No. 193726  
Filed for record  
this 20 day of May  
A. D. 19 70, at 11:30  
o'clock P. M.

Static Water Level for non-flowing well ..... 100 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..... Test Pump

Length of Test..... 2 Hour

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

1 1/2' gravel core in bottom of well

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

License # 76

Driller's License Number

R. K. Campbell  
Driller's Signature. CAMP WELL DRILLING & PUMP SUPPLY

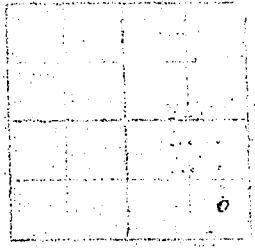
46469

R-1206  
193726

**RALPH K. CAMPBELL**

**TO**

**THE PUBLIC**



26 26 5 13 14

STATE OF MONTANA } ss  
 County of Lake }  
 Filed on the 20 day of May  
 A. D. 1937 at 430 o'clock P  
**ETHEL M. HARDING**  
 County Clerk and Recorder  
*Jewell Bent*  
 Deputy

File No. ....

T. 23<sup>N</sup> R. 19<sup>W</sup> 20

DUPLICATE  
STATE WATER CONSERVATION BOARD

**R** **E** **C** **E** **I** **V** **E** **D**  
AUG 17 1965

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

REFERRED TO \_\_\_\_\_

### Notice of Completion of Groundwater Appropriation Without Well

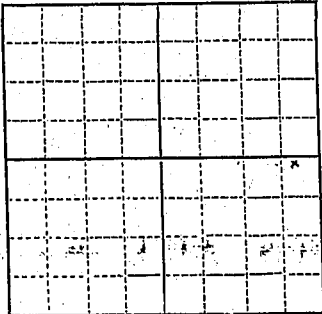
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1945  
Owner Evelyn Rehn Cartmell Address 1632 W. Cartmell  
Pasco, Wash.

Contractor (if any) Mail correspondence to  
Carl A. Rehn  
Address of Contractor Finley Pt. Rt. Pasco, Mont.

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. Spring



NE 1/4 Sec. 20, T. 23, R. 17

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. 15 Miners  
inches. — Constant use

Signature of Owner Evelyn Rehn Cartmell

Date Aug 13, 1965

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.

39440



R-1005

191701

Water Report  
Evelyn Rehn Cartmell  
to  
The Public

STATE OF MONTANA  
County of Lake  
Filed on the 13 day of August  
A. D. 1917 at 3:08 o'clock P. M.  
HAZEL KINNICK  
County Clerk and Recorder  
By J. H. Knowles  
Deputy  
\$200



Nick M. Elich 50860

23N-19W - 20  
County Lake

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STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

SEP 8 1977  
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.

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 Nick M. Elich  
Address Finley Point Route  
Polson, Montana  
Date well started 7/23/68  
completed 8/2/68  
Type of well Drilled  
Equipment used Cable Tool Rig  
Water Use: Domestic [x] Municipal [ ] Stock [x] Irrigation [x]  
Industrial [ ] Drainage [ ] Other [ ]\* Garden/Lawn [x]

For Administrator's Use  
File R-1377  
2055-24  
Sept. 6, 1972 - 4:25 p.m.  
GW 1

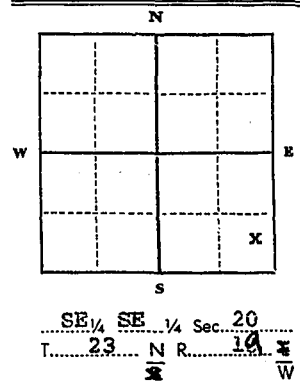
Top of Ground Approx. 2940'

From (Feet)	To (Feet)	Description
0	49	Brown silty sand
49	101	Tan silty clay
101	112	Gravel water bearing sand. Materials too fine & silty to successfully develop well
112	119	Brown sand & few gravels. Silty water
119	140	Brown sand imbedded in tan silt
140	214	Brown silty sand and a few gravels. Silty water.
214	221	Clean coarse gravel.
221	227	Some sand and sand imbedded in tan silt

\*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). Approx. 3 1/2 acres

ESTIMATED ANNUAL WITHDRAWAL 52,560,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 1/4"	+1	226	Mills Knife	215	220



Static water level 64 ft.\*  
Pumping water level 129 ft.\*  
at 100 gallons per minute, measured 150 minutes after pumping began.  
\*Measured from ground level.  
Well developed by Air Lift Pump for 2 1/2 hours.  
Power Gas Pump 30 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well through perforations in casing. Wells in this area can be depended upon to cont'd

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.  
LIBERTY DRILLING COMPANY  
Driller's Signature [Signature]  
Driller's Address 2500 Reserve Street  
Missoula, Montana LICENSE NO. 52

227 ft. Show exact depth of bottom  
Water rises in the well  
64 feet from surface.  
51,332

LF

STATE OF MONTANA  
 DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION  
 DIVISION OF WATER RESOURCES  
 DIVISION OF WATER RESOURCES

WELL LOCATION MAP AND DATA  
 WELL NO. 10000  
 SECTION 10, T12N, R10E, S10E  
 COUNTY OF LAKE  
 STATE OF MONTANA

WELL DATA  
 WELL NO. 10000  
 DATE OF PERMIT 10/1/54  
 DEPTH 100 FT  
 CAPACITY 40 GPM

pump clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 40 to 50 percent of the tested capacity of the aquifer.

R-1377  
 205524  
 Nick L. Elich  
 TO  
 THE PUBLIC  
 WELL REPORT

STATE OF MONTANA } SS  
 County of Lake  
 Filed on the 6th day of Sept  
 A. D. 1954 at 5:25 o'clock P. M.  
 ETHEL M. HARDING  
 County Clerk and Recorder  
 By Faith M. Muesel  
 Deputy

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

As the Administrator of the Groundwater Section  
 note of the following special instructions:  
 Special Instructions:  
 the well location

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

Owner Nick M. Elich 59860  
 Address Finley Point Rt Polst  
 Location T. 23N R. 19W Sec. 20  
 Doc. No. R-1377: 205524

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.

RECEIVED

DEC 12 1972

Special Instructions:

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Please check the well location, as indicated in red on the attached form. Range 10 west would locate the well in Western Teton County. Should not the correct range 19 west?

Thank you.

*Palson Mosit  
12-11-72*

*Yes the correct Range is 19 West instead of 10 West*

*Thank you Nick M. Elich*

(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). Approx. 3 1/2 Acres  
 ESTIMATED ANNUAL WITHDRAWAL 52,560,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 1/4" WT		226	Mills Knife	215	220

SE 1/4 SE 1/4 Sec. 20  
 T. 23 N. R. 19 W.

Static water level 64 ft.\*  
 Pumping water level 129 ft.\*  
 at 100 gallons per minute,  
 measured 150 minutes after pumping began.  
 \*Measured from ground level.  
 Well developed by Air Lift Pump  
 for 2 1/2 hours.  
 Power Gas Pump 30 HP  
 Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well through perforations in casing. Wells in this area can be depended upon to  
 cont'd

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.  
 DRILLER'S SIGNATURE W. J. Osborne  
 DRILLER'S ADDRESS 2500 Reserve Street  
Missoula, Montana LICENSE NO. 52

227 ft. Show exact depth of bottom water rises in the well 64 feet from surface.

County... Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

RECEIVED  
DEC 12 1977

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.

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 Nick M. Elich  
Address Finley Point Route  
Polson, Montana  
Date well started 7/23/68  
completed 8/2/68

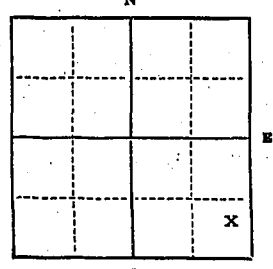
For Administrator's Use
File
GW 1

Type of well Drilled  
(Dug, driven, bored or drilled)  
Equipment used Cable Tool Rig  
(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). Approx. 3 1/2 Acres

ESTIMATED ANNUAL WITHDRAWAL 52,560,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 1/4" HO 176141		226	Mills Knife	215	220



SE 1/4 SE 1/4 Sec. 20  
T. 23 N. R. 19 E.

Static water level 64 ft.\*  
Pumping water level 129 ft.\*  
at 100 gallons per minute,  
measured 150 minutes after pumping began.  
\*Measured from ground level.  
Well developed by Air Lift Pump  
for 2 1/2 hours.  
Power: Gas Pump. 30 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well through perforations in casing.  
Wells in this area can be depended upon to

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

Driller's Signature W. S. Babine  
Driller's Address 2500 Reserve Street  
Missoula, Montana LICENSE NO. 52

Top of Ground Approx. (ft. above sea level) 2940'

From (Feet)	To (Feet)	Description
0	49	Brown silty sand
49	101	Tan silty clay
101	112	Brown water bearing sand. Materials too fine & silty to successfully develop well
112	119	Brown sand & few gravels. Silty water
119	140	Brown sand imbedded in tan silt
140	214	Brown silty sand and a few gravels. Silty water.
214	221	Clean coarse gravel. Some sand
221	227	Sand imbedded in tan silt

227 ft. Show exact depth of bottom water rises in the well. 64 feet from surface.

STATE OF MONTANA,  
County of Lake } ss.

..... having first been duly sworn, depose S and  
say that he is of lawful age and ..... the appropriator  
and claimant ..... of the order and water right mentioned in the foregoing notice of  
completion of groundwater appropriation by means of well and the person ..... whose name  
..... subscribed thereto, as the appropriator ..... and claimant .....  
that he ..... know ? the contents of said foregoing notice and that the matters and things  
therein stated are true.

Nick M. Elich

Subscribed and sworn to before me, this 6th day of September, 19 72



Ethel M. Harding  
Notary Public for the State of Montana.

Residing at Palmer, Montana

My Commission expires Sept. 10, 19 74

pump clear sand free water year after year as long as they are not  
overpumped, i.e., they should be pumped at rates not in excess of 40  
to 50 percent of the tested capacity of the aquifer.

R-1277

20552A ✓

NICK L. ELICH

TO

THE PUBLIC

WELL REPORT

STATE OF MONTANA }  
County of Lake }  
Filed on the 6th day of September  
A. D. 19 72 at Palmer Montana }  
ETHEL M. HARDING }  
County Clerk and Recorder }  
By Ethel M. Harding Deputy }

20

RECEIVED

234-196 20  
County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
MONTANA DEPARTMENT OF NATURAL  
RESOURCES CONSERVATION

APR 9 1973

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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.

(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 Dorothy Hamilton  
A.J. Hamilton  
Address Finley Point  
Polson, Montana  
Date well started 12/27/72  
completed 1/2/73

For Administrator's Use	
File	<u>208860, R.1434</u>
GW 1	

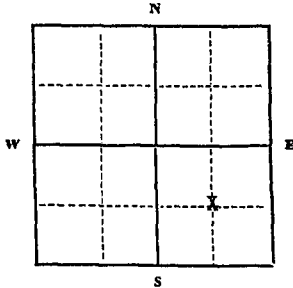
Type of well Drilled  
(Dug, driven, bored or drilled)  
Equipment used Air Rotary  
(Churn drill, rotary or other)

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) South 400' of Lots 6 & 7 of Southerland Beach Tracts

ESTIMATED ANNUAL WITHDRAWAL 36,452,000 Gallons

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 1/2" wall	+2	175'	N	O	N



NE 1/4 SE 1/4 Sec. 20  
T. 23 N R. 19

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

Driller's Signature Will J. Salome  
Driller's Address LIBERTY DRILLING & PUMP CO.  
KALISPELL, MONTANA LICENSE NO. 52

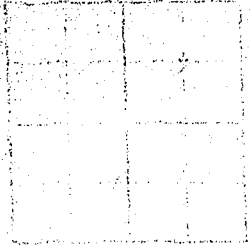
Top of Ground Approx. (Elev. above sea level) 2950

From (Feet)	To (Feet)	
0	1	Dirt
1	33	Fine tan silty sand
33	45	Fine tan silty sand with some gravel mixed in.
45	83	Fine tan silty sand
83	104	Tan silty sandy clay
104	164	Fine silty sand with few gravels mixed in. Some silty water.
164	170	Silty sand & gravel with some wood mixed in. Some silty water.
170	173	Fine sand & gravel. Silty water.
173	178	Clean coarse sand & gravel water.

Show exact depth of bottom

52,834

DEPARTMENT OF HEALTH  
 DIVISION OF PUBLIC HEALTH  
 MEDICAL RECORDS SECTION  
 STATE OF MONTANA  
 HEALTH SERVICE CENTER  
 100 SOUTH BRIDGE STREET  
 BUTTE, MONTANA 59717



Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e. they should be pumped at rates not in excess of 40 to 50 percent of the tested capacity of the aquifer.

#208860

R- 1434

A. J. Hamilton &  
 Dorothy Hamilton

to

The Public

Well Report

STATE OF MONTANA } ss  
 County of Lake  
 Filed on the 10 day of April  
 A. D. 1973 at 2:50 o'clock P.  
 EVELYN W. HARRING  
 County Clerk  
 By Samuel D. [Signature]  
 Deputy



File No. ....

T 23 N R 19

DUPLICATE

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

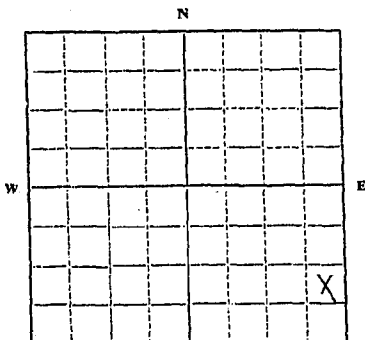
RECEIVED  
SEP 24 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. James V. G. Harter of 4632 Emma Lane Atlanta, Ga., and  
Hilda McNeely of 211 South Ave., Bronville, Indiana.  
(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:



NE 1/4 SE 1/4  
SE 1/4 Sec 20 T 23 R 19

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. Residential Use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Approx. spring of 1956. Used each year for period of about 6 months.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 30 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. Not applicable

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Approx. spring of 1956

8. The depth of water table. 200 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 and fitted with one inch pipe approximately 200 feet deep.

10. The estimated amount of groundwater withdrawn each year. 7,500 gallon

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

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

Signature of Owner James V. G. Harter  
Hilda McNeely

Date 9/11/63

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. 6031

R 2387  
161165

Water Report  
James V. C. Harter  
Hilda Mc Neely  
to  
The Public

STATE OF MONTANA

County of Lake,

Filed on the 16 day of Sept  
A. D. 1963 at 8:50 o'clock 9 M

HAZEL KINNICK

County Clerk and Recorder

By G. Cowman  
200 Deputy

GW

20

File No. ....

T. 23<sup>N</sup> R. 19<sup>W</sup>

DUPLICATE

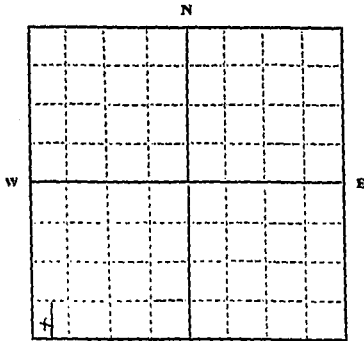
County LAKE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 26 1963  
STATE ENGINEER

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

1. E Irene and Harold J. Hyer, of Finley Point Polson  
(Name of Appropriator) (Address) (Town)  
County of Lake State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



W2W2W 2SW4SW4<sup>s</sup>

1/4 Sec 20, T23R19

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 Hayre Roll and irrigation of orchard
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1937 and each year there after.
- The amount of groundwater claimed (in miner's inches or gallons per minute) Thirty gallons 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 Two + one half acres of Orchard
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric piston pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Aug 1936 completed Sept 1936
- The depth of water table Unknown
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Depth of well 15 ft. depth of water in well 6 ft. 14" x 14" concrete casing with 8" x 8" well head.
- The estimated amount of groundwater withdrawn each year 500,000 gal.
- The log of formations encountered in the drilling of each well if available Top soil, sand Course 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 E Irene and Harold J. Hyer  
Date Dec 7, 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.

1223

R 443

162713

Harold J. Meyer  
& Irene

to

The Public

STATE OF MONTANA

County of Lake,

Filed on the 23 day of Dec

A. D. 1932 at 2:30 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By

G. Cowman

200

Deputy

20

File No. ....

T. 23<sup>N</sup> R. 19<sup>W</sup>

DUPLICATE

County .....

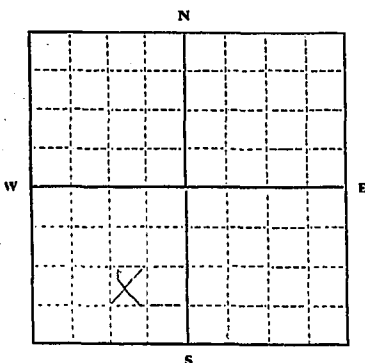
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights to the ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Marie Herzog (Name of Appropriator), of Finley Point Polson (Address) (Town)  
County of Lake State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SW Sec 27 T. 23 R. 19

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 water supply; irrigation; live stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Nov. 1, 1940 and in continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 100 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. 1 A. of orchard land Marie Herzog
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. By Well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. June 21, 1940 started Oct. 18, 1940 completed
8. The depth of water table. 13'
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 163 feet of 8 1/4" casing type Y-T-F 28 pounds to the foot
10. The estimated amount of groundwater withdrawn each year. 50,000 gal
11. The log of formations encountered in the drilling of each well if available. 0 to 30' Topsoil & sand - 30' to 45' clay & gravel - 45' to 101' water - sand & gravel 101' to 118' sand & gravel - 118' to 150' water - sand & gravel - 150' to 163' water - heavy sand & gravel - water came to 40' of top of well
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner Marie Herzog  
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.

14924

R-518

162821

STATE OF MONTANA

County of Lake,

Filed on the 27 day of Dec

A. D. 1963 at 10:40 clock A. M.

*Blunck*

County Clerk and Recorder

By \_\_\_\_\_

Deputy

020

File No. ....

T. 23 R. 19

DUPLICATE

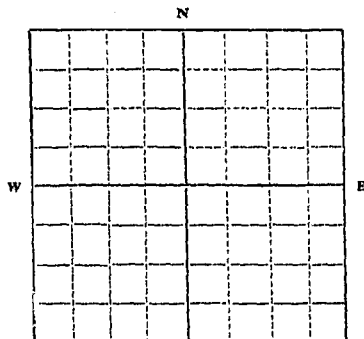
County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUL 18 1963

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

1. Ray E. Lawin, of Finley Point Polson  
(Name of Appropriator) (Address) (Town)  
County of Lake State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



by Plat 3 - Sutherland Beach Tracts  
part of Plat 4 Sec 20 T. 23 R. 19

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.....  
July 11 th. 1956  
Continuous irrigation and domestic in summer and domestic in winter.

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
50 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.....  
2 acres cherry orchard. Ray E. Lawin

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
June 15 th. 1956 July 15 th. 1956

8. The depth of water table.....  
66 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 6 inch casing. 93 ft. deep.

10. The estimated amount of groundwater withdrawn each year.....  
5000000 gals.

11. The log of formations encountered in the drilling of each well if available.....  
0 to 15 ft. sand & clay. 15 ft. to 69 ft. sand & clay & gravel  
69 ft. to 81 ft. silty muck & sand. 81 ft. to 93 ft. mostly gravel  
& sand. some clay streaks & good wash 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.....  
Ray E. Lawin

Date.....  
July 15, 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.

R-187

1604-14

Water Report  
Ray L. Lavin  
to  
The Public

STATE OF MONTANA

County of Lake

Filed on the 16 day of July  
1963 at 1:10 o'clock P.M.

HAZEL KINNICK

County Clerk and Recorder

By A. Knuss

Deputy

209



File No. ....

T. 23<sup>N</sup> R. 19<sup>W</sup>

DUPLICATE

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights

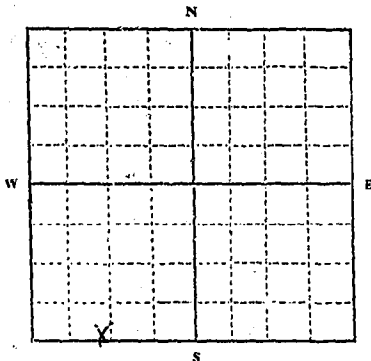
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. LORRAIN J. LUGER and RACHEL O. LUGER of Finley Point Polson  
(Name of Appropriator) (Address) (Town)

County of Lake State of Montana

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



SE 1/4 SW 1/4 Sec. 20 T. 23 R. 19

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 about 1938; continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) capacity of 1" discharge pipe from pump; 20 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 water used on orchard and garden about 4 acres in area; owned by appropriators

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 about 1938

8. The depth of water table approximately 8 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 dug well approximately 8' x 8' x 15' in depth; cement lined

10. The estimated amount of groundwater withdrawn each year 550,000 gals

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 not applicable

Signature of Owner Lorain J. Luger Rachel O. Luger

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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

R. 770

163062

Lorraine J. Luger et ux

To

The Public

STATE OF MONTANA  
County of Lake,  
Filed on the 31 day of Dec  
A. D. 1903 at 10:46 clock P. M.  
Stamm  
County Clerk and Recorder

By \_\_\_\_\_ Deputy

NOV 1 1971

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 Gordon H. Prescott &  
Kathryn E. Prescott

Address Finley Point

Polson, Montana

Date well started 7/3/71

completed 7/19/71

Type of well Drilled

Equipment used Cable Tools

Water Use: Domestic  Municipal  Stock  Irrigation

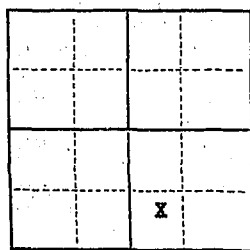
Industrial  Drainage  Other \* Garden/Lawn

\*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). To irrigate 8 acres

ESTIMATED ANNUAL WITHDRAWAL \$,256,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD by 1/4"	1'6"	216'6"	Mills		
				Knife	188'	190'
					199'	205'



SW 1/4 SE 1/4 Sec. 20  
T. 23 N. R. 19 E

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

Driller's Signature Liberty Drilling Co.  
William F. Osborne

Driller's Address 2500 Reserve

Miscala, Montana LICENSE NO. 52

**DRILLER'S LOG**

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

Top of Ground Approx. (Elev. above sea level) 3,800

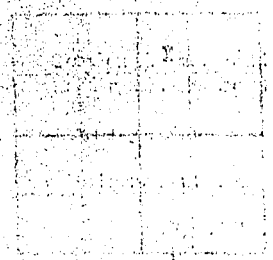
From (Feet)	To (Feet)	Description
0	1	Black dirt soil gravel
1	1 1/2	Gravel imbedded in tan silt
1 1/2	58	Lightly silty gravel
58	61	Gravel imbedded in tan clay
61	92	Gravel imbedded in tan silt
92	115	Fine silty sand and some gravel sized in
115	171	Fine sand imbedded in tan silt
171	187	Sand and gravel mixed with tan silt
187	190	Clear coarse gravel. Some water
190	199	Silty sand and gravel
199	205	Clear coarse gravel. Some water
205	211	Coarse gravel mixed in tan clay
211	216	Tan sandy clay
216		Fine brown silty sand

216' Show exact depth of bottom  
Water rises in well 9 1/2' from surface.

49289

REPORT OF THE  
 STATE OF MONTANA  
 DEPARTMENT OF AGRICULTURE  
 DIVISION OF WATER RESOURCES

WELL NO. 100  
 SECTION 10  
 TOWNSHIP 10N  
 RANGE 10E



WELL NO. 100  
 SECTION 10  
 TOWNSHIP 10N  
 RANGE 10E  
 DEPTH 120  
 CAPACITY 100  
 PUMP 100  
 MOTOR 100  
 DRIVE 100  
 CONTROL 100  
 VALVE 100  
 FITTING 100  
 HOSE 100  
 PIPE 100  
 CEMENT 100  
 SAND 100  
 GRAVEL 100  
 BRICK 100  
 CONCRETE 100  
 STEEL 100  
 COPPER 100  
 GALVANNEZED 100  
 LEAD 100  
 ZINC 100  
 BRASS 100  
 RUBBER 100  
 GLASS 100  
 WOOD 100  
 PLASTER 100  
 GYPSUM 100  
 LIME 100  
 SODA 100  
 POTASH 100  
 SALT 100  
 SULFUR 100  
 PHOSPHORUS 100  
 NITROGEN 100  
 CARBON 100  
 HYDROGEN 100  
 OXYGEN 100  
 CHLORINE 100  
 FLUORINE 100  
 IODINE 100  
 BROMINE 100  
 MANGANESE 100  
 IRON 100  
 COBALT 100  
 NICKEL 100  
 ZINC 100  
 CADMIUM 100  
 MERCURY 100  
 BARIUM 100  
 STRONTIUM 100  
 RADIUM 100  
 THORIUM 100  
 URANIUM 100  
 PLUTONIUM 100  
 AMERICIUM 100  
 NEPTUNIUM 100  
 PLOUTONIUM 100  
 CALIFORNIUM 100  
 BERKELEYIUM 100  
 LAWRENCEIUM 100  
 RUTHERFORDIUM 100  
 ESCHERICHIA 100  
 COLIFORM 100  
 STREPTOCOCCUS 100  
 SALMONELLA 100  
 SHIGELLA 100  
 VIBRIO 100  
 CLOSTRIDIUM 100  
 BACILLUS 100  
 LISTERIA 100  
 MYPYLA 100  
 TRICHINELLA 100  
 TOXOPLASMA 100  
 CRYPTOSPORIDIUM 100  
 GIARDIA 100  
 NAUSEA 100  
 VOMITING 100  
 DIARRHEA 100  
 STOMACH PAIN 100  
 HEADACHE 100  
 FATIGUE 100  
 WEAKNESS 100  
 IRRITATION 100  
 BURNING 100  
 ITCHING 100  
 RASH 100  
 SWELLING 100  
 REDNESS 100  
 PAIN 100  
 DISCOMFORT 100  
 UNPLEASANT TASTE 100  
 UNPLEASANT SMELL 100  
 UNPLEASANT APPEARANCE 100  
 UNPLEASANT TASTE 100  
 UNPLEASANT SMELL 100  
 UNPLEASANT APPEARANCE 100

Con't:

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

R- 1299

WELL REPORT

200807

GORDON H. & KATHRYN E.  
 FRES COIT

TO

THE PUBLIC

STATE OF MONTANA } ss  
 County of Lake  
 Filed on the 29 day of Oct.  
 A. D. 19 71 at 2:40 o'clock P. M.  
 FILED M. HARDING  
 County Clerk and Recorder  
 Deputy