

File No.

DUPLICATE

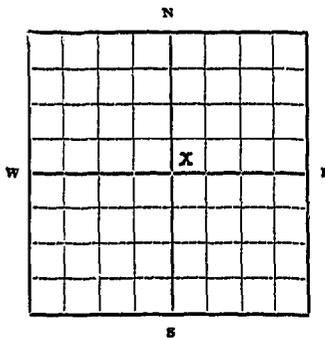
T. 20^N R. 16^W 31
County Miss^o

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

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

1. Warner C. Lundberg, of Seeley Lake
(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:



NE 1/4 Sec. 31, T. 20 R. 16

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous use since 1929

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NE 1/4 Section 31, Township 20 North, Range 16 W.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 4" open well with 1 1/2" pipe, located on the SW 1/4 NE 1/4 Section 31, Township 20 North, Range 16 W.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1929

8. The depth of water table 15 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4" open well, 20 feet deep

10. The estimated amount of groundwater withdrawn each year 180,000 gallons

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

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

Signature of Owner

Date Dec. 20, 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.

12304

484

2146 29

I received and filed this instrument for
 record on the 25 day of Dec, 1963
 at 9:10 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
MARTIN S. BISHOP, County Recorder
 By [Signature] Deputy
 Fee \$ 4.00 Paid

MISSOULA COUNTY RECORDER
 MISSOULA, MONTANA
 MISSOULA COUNTY RECORDER
 MISSOULA, MONTANA

File No. _____

DUPLICATE

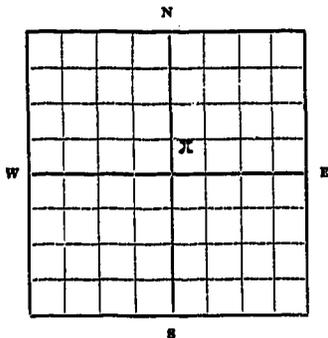
T. 20^N R. 16^W 31
County MISSOULA

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. Warner C. Lundberg, of Seeley Lake,
(Name of Appropriator) (Address)
County of Missoula State of Montana (Town)
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 31, T. 20 R. 16.

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

2. The beneficial use on which the claim is based Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July, 1951
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NE 1/4 Section 31, Township 20 North, Range 16 W.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 1/2" pipe located on the SW 1/4 NE 1/4 Section 31, Township 20 North, Range 16 W.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1929
8. The depth of water table 15 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 18" casing, 20 feet deep
10. The estimated amount of groundwater withdrawn each year 180,000 gallons
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner _____

Date Dec. 20, 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.

12303

483

2/46 28

I received and filed this instrument for
 record on the 29 day of Dec, 1923
 at 8:08 o'clock A.M., permanent files
 of Missoula County, State of Montana.
 Witness my hand:
 M. S. DEANE, County Recorder
 By Walter G. Deane Deputy
 Fee \$ 0.25 Paid

Missoula County, Montana
 1923
 State of Montana

File No.

Section 35
T. 20N R. 16W

County Missoula

DUPLICATE RECEIVED
AUG 12 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 13 1963
STATE ENGINEER

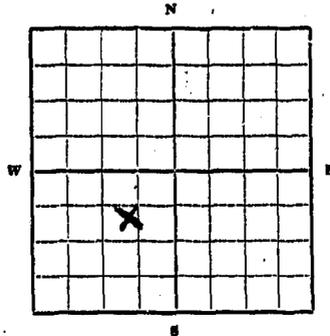
State Highway Commission
Missoula, Montana

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

1. Ludvig G. Brown of 664 South Sixth East, Missoula, Montana
(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:



NE 1/4 SW 1/4
S. W. 1/4 Sec. 35 T. 20N R. 16W

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

- 2. The beneficial use on which the claim is based House hold use, and irrigation of lawn & garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947 - regularly during summer months since then.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) about 5 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 .58 acre - summer home cabin site, parmittee of Ft. Athlet National Forest, USFS on Holland Lake. special use permit
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Small hand pump, one shallow well just south of the summer residence about 10 ft.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater one well begun and completed in the summer of 1947
- 8. The depth of water table estimated to be about 5 ft. below present ground level.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater well is about 9 ft. deep at this time, and up to date adequate water is available. Well sides are of concrete tile, and the water pipe is equipped with a Jacuzzi sand point and filter.
- 10. The estimated amount of groundwater withdrawn each year less than 1,000 gal.
- 11. The log of formations encountered in the drilling of each well if available glacial gravel and hardpan.
- 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 Holland Lake Residence Tract, P. 15, P. 2

Signature of Owner Ludvig G. Brown
Date August 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.

5376

#241

copy

209422

I received and filed this instrument for
 record on the 24 day of Aug, 1963
 at 1 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER, County Recorder
 By [Signature] Deputy
 Fee \$ 2.00 Paid

RECORDED
 INDEXED
 MISSOULA COUNTY
 MONTANA
 AUG 24 1963

C

MISSOULA COUNTY RECORDER'S OFFICE
 MISSOULA, MONTANA
 PHONE 542-1111
 TELETYPE 542-1111
 TELEFAX 542-1111
 FAX 542-1111
 WWW.MISSOULA.MT.GOV

File No. _____

T 19N R 17W 13
County Missoula

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

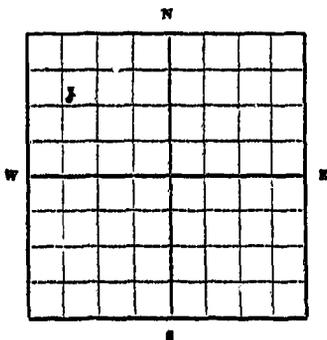
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Mabel B. Carney Anna E. Weeks of Lindbergh Road, Seeley Lake
(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:



..... 1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based Domestic Water Supply
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Early Summer of 1940. Use has been continuous since that time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Measurement unknown, sufficient for domestic use in two homes.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None used for irrigation.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric and sand point location indicated on section drawing.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Exact date unknown. Early Summer of 1940.
8. The depth of water table Approximately 12 feet-
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Two inch sand point driven to about 12 feet.
10. The estimated amount of groundwater withdrawn each year Unknown-
11. The log of formations encountered in the drilling of each well if available Approximately one foot of top soil, nine feet of hard pan (slightly packed gravel and clay) and two feet of pure clay. Well is forty and fifty feet lower than homes
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 Mabel B. Carney Anna E. Weeks

Date October 14, 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.

1332

9

copy

I received and filed this instrument for
record on the 2 day of Jan 1964
at 2:17 o'clock P.M. Courthouse
of Wisconsin County, State of Missouri
Witness my hand,
MARTIN A. BIRNER, County Recorder
By E. J. Lane Deputy
Fee \$ 2.00 Paid

File No. _____

T. 19N R 17W

DUPLICATE

County Missoula

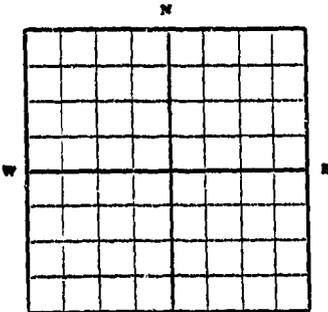
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

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

1. Frederick L. and Phyllis Whitsett of 3514 Houston, 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:



DIAMOND BAR RANCH
LINDBERG LAKE, MONTANA,
LOTS THREE TRACTS THIRD LOTS 261-68

1/4 Sec. 13, T. 19N R. 17W

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 Drinking and household use from well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June, 1961-regular usage

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gal 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 Minor outdoor sprinkling

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1961

8. The depth of water table 3 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 24 in. perforated culvert pipe 10 ft deep located in basement of house

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

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

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

None

Signature of Owner F. L. Whitsett

Date 1/31-63

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

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

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

792 215408

I received and filed this instrument for
record on the 21st day of Dec 1963
at 1:45 P.M. Clerk of H. permanent office
of Missoula County, State of Montana
Witness my hand:
MAYNARD S. BEMIS, County Recorder
By *Mrs. B. H. [Signature]* Deputy
Fee \$ 75 Paid

File No. _____

T. 19N R. 17W

DUPLICATE

County Missoula 13

*Filing No. 2
Location*

STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1960

Owner Richard Johnson Address Libby Lake Lot 63

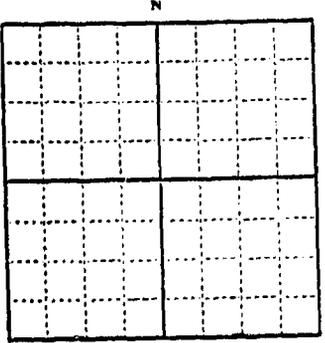
Contractor (if any) _____

Address of Contractor _____

Date Started Aug 1960 Date Completed Sept 1960

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

quantity feed. Depth to water 4 feet



1/4 Sec. T. R.
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. 50 gal per hour used 4 months of the year

Signature of Owner Richard Johnson

Date Dec 31, 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.

1263

215781

Copy
I received copy of instrument for
record on the State of *Dec 1965*
at *St. Helena* permanent files
of Missoula County, State of Montana
Witness my hand:
County Recorder
By *Martina L. Baker* Deputy
Fee \$ *2.00* Paid

File No. _____

ONTARIO COUNTY RECORDS DEPARTMENT

T. 19 N. R. 17 W. 12

DUPLICATE

PEER ID

County Missoula

LOG APR 4 1967

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level 4500')

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner John & Marie Stark Address Seeley Lake

Driller N. A. Address N. A.

Date of Notice of appropriation of groundwater _____

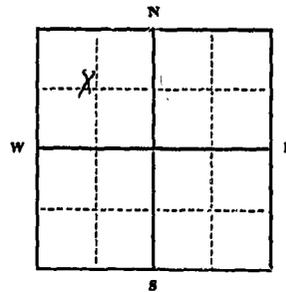
Date well started 9/23/67 Date completed 9/23/67

Type of well Dug Equipment used Backhoe
(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)
Top soil	15" casing	0'	12'	1/4" dia	12'	10'
Gravel		0'	1'			
clay & Gravel		1'	10'			
		10'	12'			



Static Water Level for non-flowing well App. 10' feet.

Shut-in Pressure for Flowing Well N.A.

Pumping Water Level App. 11' feet
at 100 gal. per minute.

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

How Tested Pumped

Length of Test 3 hrs

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

N. 1/4 Sec. 13 T. 19 N. R. 17 W.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Location is about 20' from central stake on Plat of property - Registration No. 35 E.S.

(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).

Used only for domestic purposes

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.

N. A.
Driller's License Number

N. A.
Driller's Signature.

44,028

RECEIVED

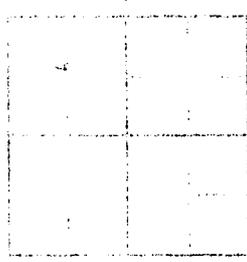
FOO

Book of Grants

Office of the County Recorder
Missoula, Montana

1783 269789

I received and filed this instrument for
 record on the 2 day of April 1968
 at 11:20 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Verance R. Crouse, County Recorder
 By M. R. Crouse Deputy
 Fee \$ 2.00 Paid



MISSOULA COUNTY
 RECORDER
 MISSOULA, MONTANA

File No.

T. 19 N. R. 17 W.

DUPLICATE

County Missoula

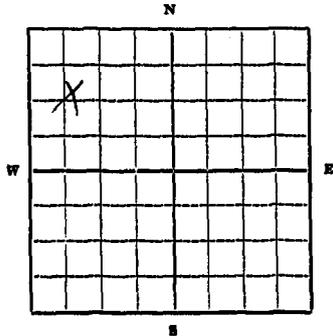
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 18 1963

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

STATE ENGINEER

Name
1. John Stark, of Lindbergh Lake Road, Seely Lake
(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:



N.W. 1/4 Sec. 13, T. 19 N. R. 17 W.

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

- The beneficial use on which the claim is based Domestic Water Supply
- Date or approximate date of earliest beneficial use; and how continuous the use has been Early Summer of 1940. Use has been continuous since that time.
- The amount of groundwater claimed (in miner's inches or gallons per minute) Measurement Unknown. Sufficient for Domestic use in 2 homes
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None used for irrigation
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump and sand point. Location shown on Section Drawing
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Exact date Unknown. Early Summer 1940
- The depth of water table Approximately 12 Feet
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Two inch sand point drilled to about thirteen feet
- The estimated amount of groundwater withdrawn each year Unknown
- The log of formations encountered in the drilling of each well if available Approximately one foot of top soil, nine feet of hard pan. Lightly packed gravel and clay, and three feet of pure clay. Well is forty and fifty feet lower in elevation than homes
- 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 Owners John Stark

Date Sept 9, 1963

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

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

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

#265

Copy

210766

I received and filed this instrument for
record on the 13 day of Sept 1965
at 9:10 o'clock P.M. permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By *[Signature]* Deputy
Fee \$ 2.00 Paid

6

File No.

T. 19 R. 13

DUPLICATE

sw

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 15 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... Horizontal

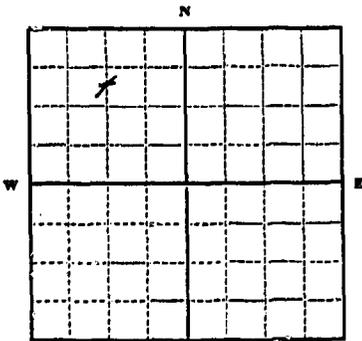
Owner..... R. E. Underwood Address..... Sasley Lake, Mont.

Contractor (if any) .. None

Address of Contractor

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable..... Large surface 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..... 200-400

NW 1/4 Sec. 8 T. 19 R. 13

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

for domestic use, irrigation and fish pond

Signature of Owner..... R. E. Underwood

Date..... Aug. 14, 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.

Form No. 18
8-60

T. 18N R. 16W
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

WATER WELL LOG

STATE ENGINEER

Owner State Highway Commission Address Helena

Driller Albrecht Address State Lab

Date Started December 5, 1961 Date Completed December 15, 1961

Location: Sec. 1 T. 18N R. 16W $\frac{1}{4}$ sec. NW

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0.00 ft. to 45.0 ft. Type Steel Size 4" ID

Casing: 45.00 ft. to 55.00 ft. Type Steel Size 4" ID

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 45.0 to ft. 55.0 . Ft. _____ to ft. _____

Type of screen or perforations 1/4" Torch Slots 0'-6" long

Static Water level, for non-flowing well: 36.7 feet.

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

Pumping water level 39.1 feet at 12.5 gal. per min.

How tested: Bailer

Length of test 3 Hrs. at 10 gal. per minute and 2 Hrs. at 12.4 G.M.P.

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

(over)

File No. _____

T. 18 N. R. 16 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

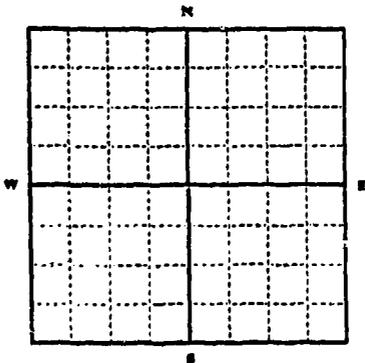
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Montana Highway Commission, of Helena
(Name of Appropriator) (Address) (Town)

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



NW 1/4 Sec. 1 T. 18 N. R. 16 W

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

2. The beneficial use on which the claim is based
Water supply for maintenance house.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12.5 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Not applicable.

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. Well started December 6, 1961; completed December 15, 1961.

8. The depth of water table 37.6 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. Well drilled with churn drill; steel cased with 4" casing to 55.0 ft. - bottom of hole. Slotted casing (1/4" x 6" torch cut slots) from 45.0 to 55.0 ft.

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

11. The log of formations encountered in the drilling of each well if available. Argillite gravel with cobbles & sandy silt to 12.0 ft.; gravel with reddish tan glacial clay to 18.0 ft.; reddish tan glacial clay with some gravel to 33.0 ft.; reddish tan clay with fine to medium gravel to 38.0 ft.; fine gravel & reddish tan sandy clay to bottoms of well; water encountered at 50.6 ft.

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

Signature of Owner

Date December 19, 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.

214917

Copy
I received and filed this instrument for
record on the *26* day of *Dec* 19*44*
at *11:30* o'clock *P.*M., permanent files
of Missoula County, State of *Montana*
Witness my hand:
MARTIN E. SWINER, County Recorder
By *[Signature]* Deputy
Fee \$ *1.00* Paid

MISSOULA COUNTY CLERK

31

File No. _____

T. 18 N. R. 15 W.

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 27 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1910

Owner _____ Address _____

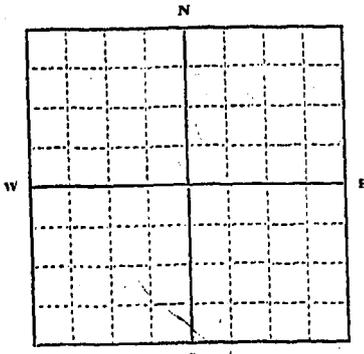
Contractor (if any) None

Address of Contractor None

Date Started June 1 Date Completed 1910 Oct. 1

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

about 15 ft beneath flow



1/4 Sec. 31, T. 18, R. 15
Indicate point of appropriation and place of use, if possible.

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

estimate approximate lengths of periods of use Year Arwin
April 21 to 1.5 ft for 237
farm irrigation (stak acres 237)
William H. Hockman
Warshell Gray farm (Grille)

Signature of Owner William H. Hockman

Date 1-24-1964

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

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

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

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

B96

216759

Copy

I received and filed this instrument for
record on the 24th day of Jan, 1914
at 9.00 o'clock A. M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By John Dene Deputy
Fee \$ 0.00 Paid

0441

829621

I received and filed this instrument for
 record on the 26 day of March 1973
 at 10:51 o'clock A. M. in the public files
 of Missoula County, State of Montana
 Witness my hand.
 Dorothy L. Head, County Recorder
 By [Signature] Deputy
 Fee \$ 2.00 Paid

120

OW

STATE WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—4234

File No. JAN 3 1965

T. 17 N. R. 15 W. 3

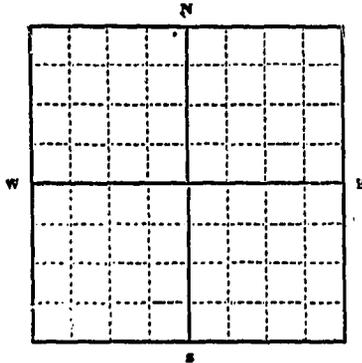
DUPLICATE State of MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, James T. and Bertha M. Sullivan, of Soley Lake, (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:



NE 1/4 NW 1/4 Sec. 3 T. 17 N. R. 15 W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1931, continuous use since

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Eleven (11) 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. Used for irrigating trees and lawn

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Water withdrawn by hand pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well was dug in 1931

8. The depth of water table. About sixteen (16) feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. The well is in excess of 16 feet deep with 14 inch clay tile

10. The estimated amount of groundwater withdrawn each year. 36,000 gallons

11. The log of formations encountered in the drilling of each well if available. 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 James T. Sullivan Bertha M. Sullivan

Date December 22, 1965

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

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

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

40332

2547

245403

I received and filed this instrument for
record on the 27 day of Dec 19 65
at 8:48 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
Verence R. Cousg, County Recorder
By *Theresa A. Kahl*, Deputy
Fee \$ 1.00 *ck* Paid

0

MISSOULA COUNTY RECORDER

GW

File No. JAN 8 1963

T. 17N R. 15W 3

DUPLICATE

Title _____
County _____
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

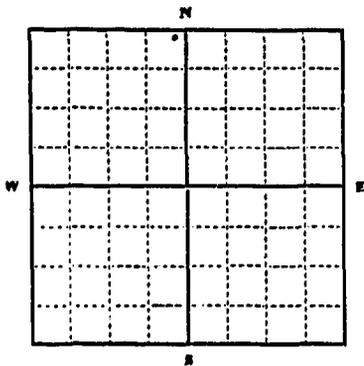
County _____

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James T. and Bertha M. Sullivan, of Seeley Lake (Name of Appropriator) (Address) (Town)

County of Misoula 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 use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948, continuous use since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Nine (9) 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 used for irrigation

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

NE 1/4 Sec. 3 T. 17N R. 15W

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well constructed in 1948. Began and completed

8. The depth of water table Six (6) 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

10. The estimated amount of groundwater withdrawn each year 18,000 gallons

11. The log of formations encountered in the drilling of each well if available 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 James T. Sullivan
Bertha M. Sullivan

Date December 28, 1963

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

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

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

40333

546

245402

I received and filed this instrument for
record on the 29 day of Dec 1965
at 2:26 o'clock P.M., permanent files
of Mineral County, State of Montana
Witness my hand
Vernice H. Coose, County Recorder
By *Mary Bealby*, Deputy
Fee \$ 2.00 Paid

File No. _____

T. 14^N R. 15^W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 27 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____

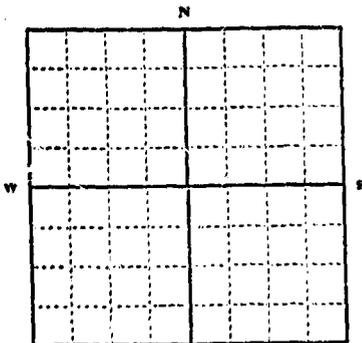
Owner Harmon P. Hackman Address Seely Lake

Contractor (if any) None

Address of Contractor None

Date Started 1970 Date Completed 1970

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



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

estimate approximate lengths of periods of use year around

1/4 Sec. 6 T. 17 R. 15^W
Indicate point of appropriation and place of use, if possible.

Signature of Owner Harmon P. Hackman

Date Jan 1/24/64

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.

1395

216758

copy

I received and filed this instrument for
record on the 29th day of *Sept* 1964
at 9:10 a.m. o'clock P. M. permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By *Thos. Beane* Deputy
Fee *2.00* Paid

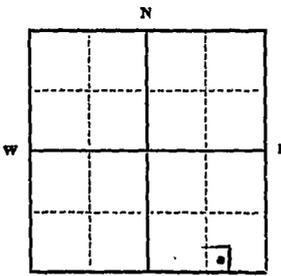
Top of Ground
 (Elev. above sea level 4200)
 Drilled and cased to 51' clay to 57' sand and gravel to 73'

Notice of Completion of Groundwater Appropriation by Means of Well
 DEVELOPED AFTER JANUARY 1, 1962
 (Under Chapter 237, Montana Session Laws, 1961)

Owner Walter W. Hunt Address 2417 Glen Drive
 Driller Robert Hudson Address SWAN LAKE, MONT
 Date of Notice of appropriation of groundwater 1-19-66 1-27-66
 Date well started 1-13-66 Date completed 1-15-66
 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 7/8"	13 lb	0	43'	4" slots 3/16" wide	36'	42'



Static Water Level for non-flowing well 29 feet.
 Shut-in Pressure for Flowing Well _____
 Pumping Water Level 37 feet
 at 1.0 gal. per minute.
 Discharge in gal. per min. of flowing well _____
 How Tested Pump
 Length of Test 4 hours

Lot 9 Clearwater Heights
 SW 1/4 Sec. 8 T.17N. R.15W
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

(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).

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.

103
 Driller's License Number
Robert Hudson
 Driller's Signature

40789

1568

INDEX

246362

I received and filed this instrument for record on the 27 day of June, 1966 at 4:00 o'clock P.M., permanent files of Missoula County, State of Montana

Witness my hand:
 Vermae R. Crouse, County Recorder
 By Glenn J. Mann, Deputy
 Fee \$ 2.00 Paid cash

CLERK OF DISTRICT COURT

O

RECEIVED
 DISTRICT CLERK
 MISSOULA COUNTY
 MONTANA
 JUNE 27 1966

MISSOULA COUNTY, MONTANA
 DEPARTMENT OF REVENUE
 RECEIVED
 JUNE 27 1966

How Paid: Cash

Disposition in 25¢ Per cent of Receipts & Fees

Amount: 50.00

Amount: 12.50

Amount: 25.00

Amount: 0.00

File No.

T. 17N. R. 15W

DUPLICATE

County *Missoula*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

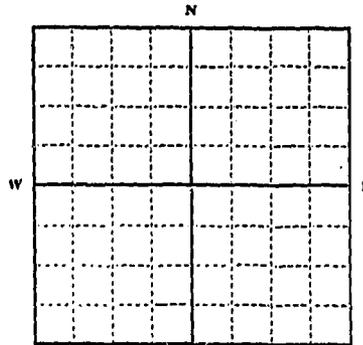
RECEIVED
JUL 28 1964

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. **W**
U *W*_o, **Ellis E. & Lois J. Spencer**, of **Box 283, Seelye Lake**
(Name of Appropriator) (Address) (Town)
County of **Missoula**, State of **Montana**, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
2. The beneficial use to which water is to be applied is **household, garden, river stock.**
(describe lands to be benefited, if for irrigation)
3. The rate of use in gallons per minute or miner's inches of groundwater claimed **100 in.**
4. The annual period (inclusive dates) of intended use **Jan. 1 - Dec. 31.**
5. The probable or intended date of first beneficial use **Sept. 1, 1964.**
6. The probable or intended date of commencement and completion of the well* or wells*
Aug. - Sept. 1964.
7. The location, type, size and depth of well or wells contemplated **SE 1/4, 28, T17N, R15W, RMM, Clearwater Heights, Lot 16, dug well, approx. 4' x 4' x 10' deep.**
8. The probable or estimated depth of the water table or artesian aquifer **unknown.**
9. Name, address and license number of the driller engaged **J. A.**

10. Give such other similar information as may be useful

in carrying out the policy of this act.....



Lot 16 Clearwater Heights
SE 1/4 Sec. 28 T17N R15W.
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator *Ellis E. Spencer*

Date *7/10/1964*

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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.

38303

1426

223852

I received and filed this instrument for
record on the 13 day of July, 1964
at 10:34 o'clock A.M. permanent files
of Missoula County, State of Montana
Witness my hand:
Vernon R. Crouse, County Recorder
By James Beckwith, Deputy
Fee \$ 2.00 Paid

File No. _____

T. 17 R. 15

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

MONTANA WATER RESOURCES BOARD

RECEIVED

AUG 7 1967

Date of Appropriation of Groundwater 1960 Sept.

Owner Theodore Anders Address Box 252

Contractor (if any) _____

Address of Contractor _____

Date Started Sept. 1960 Date Completed June 1961

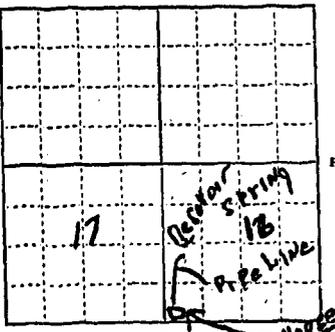
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring and small stream

into reserve pond then pipe line to house about 1750 ft. of pipe

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

estimate approximate lengths of periods of use. _____

year around use for house lawn & garden



3 1/4 Sec. 16 T. 17 R. 15

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

Signature of Owner Theodore Anders

Date July 24, 1967

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.

1925

262927

I received and filed this instrument for
 record on the 11 day of Aug, 1967
 at 1:45 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Vermae E. Crouse, County Recorder
 By W. J. Conroy Deputy
 Fee \$2.00 paid clerk

1967 AUG 11 1 45 PM



File No. _____

T. 17 N R. 15 W 17
County MISSOULA

TRIPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963
STATE ENGINEER

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. I, HERBERT TOWNSEND, of P.O. BOX 15 SEELEY LAKE
(Name of Appropriator) (Address) (Town)
County of MISSOULA, State of MONTANA, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is IRRIGATION AND DOMESTIC
AND STOCK WATER FLAT, DRY BENCH WEST 1/4 OF S.W. 1/4 SEC 17
(describe lands to be benefited, if for irrigation) T. 17W - R. 15N.

3. The rate of use in gallons per minute or miner's inches of groundwater claimed UP TO
100 MINERS INCHES INTERMITTENTLY

4. The annual period (inclusive dates) of intended use JUNE TO OCTOBER IRRIGATION

5. The probable or intended date of first beneficial use JUNE 1964

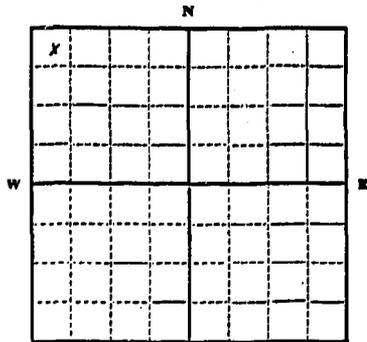
6. The probable or intended date of commencement and completion of the well* or wells* NATURAL
POND NO INLET OR OUTLET PUMP WATER TO BE UP TO BENCH

7. The location, type, size and depth of well or wells contemplated PUMP FROM POND
NO DUG WELL OR DRILLED WELLS

8. The probable or estimated depth of the water table or artesian aquifer APPROX 15 FT
POND IS APPROX 2 1/2 ACRES IN AREA

9. Name, address and license number of the driller engaged N.O. DRILLER

10. Give such other similar information as may be useful
in carrying out the policy of this act. POND OR
"P.T. HOLE" HAS NO FLOWING
INLET OR OUTLET WATER
LEVEL IS ABOUT CONSTANT EXCEPT
IN DRIEST YEARS.



SM. 1/4 Sec. 17 T. 17N R. 15N
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Herbert Townsend

Date December 17, 1963

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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.

10426

428

214447

copy

I received and filed this instrument for
record on the 18 day of Dec, 1962
at 9:10 o'clock P.M., permanent time
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By Ernie Lamm Deputy
Fee \$ 2.25 Paid

File No. _____

T. 17 N. 15 W.

TRIPPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963

Notice of Completion of Groundwater Appropriation Without Well STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater. DECEMBER 17, 1963

Owner HERBERT TOWNSEND Address SECT 57 LAKE MONTANA
ELTA H. TOWNSEND

Contractor (if any) NONE

Address of Contractor _____

Date Started NATURAL SPRING 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 RISES ON GROUND

HIGHER THAN SURROUNDING AREA AND CAN BE CARRIED BY DITCH FOR DRAINAGE AND

IRRIGATION. WATER IS NEAR SURFACE AND WOULD CAUSE A SWAMP IF NOT DITCHED

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. APPROX 50

FOOT CUBES DAILY BY ESTIMATE FLOW

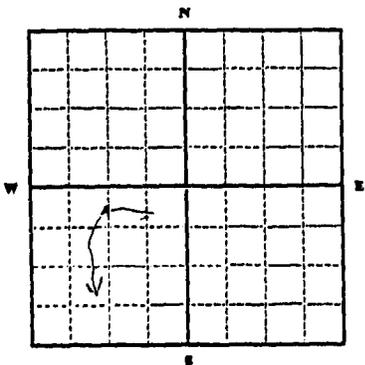
IS STEADY BUT IS RETARDED BY GRASS IN

DITCHES IN SUMMER USED FOR STOCK

WATER IN WINTER MONTHS

Signature of Owner Herbert Townsend

Elta H. Townsend
Date DEC 17, 1963



S. 1/4 Sec. 17, T. 12 N. R. 5 W.
Indicate point of appropriation and place of use, if possible.

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

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

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

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

10/28

430 / H 214449

I received and filed this instrument for
record on the 18 day of Dec 1962
at 9:14 o'clock A.M. in front of me
of Missoula County, State of Montana
Witness my hand
MARTIN S. BEINER, County Recorder
By Ethel Blaine Deputy
Fee \$2.00

File No. _____
TRIPPLICATE

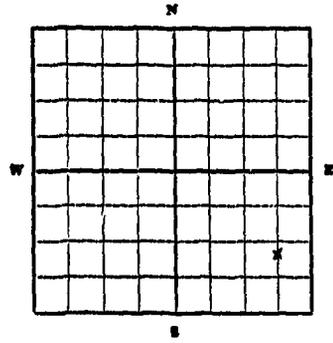
T. 17th R. 15th W. 18
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963
STATE ENGINEER

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

1. HERBERT TOWNSEND of P.O. BOX 15 SEELY, LAKE
(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:



E 1/2 Sec. 4 & E 1/2 Sec. 18, T. 17 N. R. 15 W.
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based DOMESTIC, STOCK WATER IRRIGATION.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1916, YEAR TO DATE FOR PART OF YEAR FOR STOCK WATER.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 MINER'S INCHES.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof APPROX 8 ACRES E 1/2 E 1/2 E 1/2 SECTION 18, T. 17 N. R. 15 W. HERBERT AND ELTA TOWNSEND.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal WATER RISE TO SURFACE IN SUMMER MONTHS.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater WELL COMPLETED IN 1916, NO RECORD FOR STOCK WATER EXCEPT IN DAY OF YEAR.
- 8. The depth of water table APPROX 10 FT. IN DAY PART OF YEAR.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater NO OTHER WELLS IN AREA.
- 10. The estimated amount of groundwater withdrawn each year SUMMER RUN OFF.
- 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 WATER RISE TO SURFACE IN SPRING AND SUMMER MONTHS, FLOODS AND STREAM FOR STOCK WATER PART OF YEAR. A.C.P. HAS BEEN MADE WHEN NECESSARY.

Signature of Owner Herbert Townsend
Elta Townsend
Date December 17, 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.

10427

429

217748
copy

I received and filed this instrument for
record on the 17 day of Dec 1962
at 9:12 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN E. BEHNER, County Recorder
By Patricia Lane Deputy
Fee \$2.00 Paid

20

File No. _____

T. 17^N R. 15^W

DUPLICATE

County _____

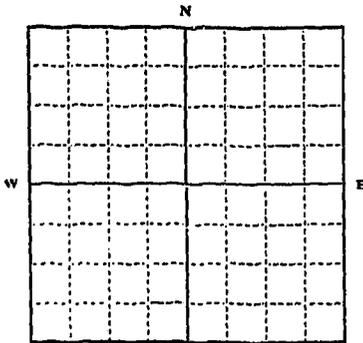
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Dr. Warren E. Thime, of Seeley Lake
(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:



Sec. 20 T. 17 R. 15
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- The beneficial use on which the claim is based. Domestic and irrigation
- Date or approximate date of earliest beneficial use; and how continuous the use has been. 1942, and continuous since
- The amount of groundwater claimed (in miner's inches or gallons per minute) About 8 gallons
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. About one acre on the SE 1/4 of SE 1/4 of Sec 20 T. 17 R. 15 owned by Dr. W. E. Thime
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. E. Electric pump, piston type on the SE 1/4 of SE 1/4 of Sec 20 T. 17 R. 15
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Fall of 1942
- The depth of water table. 26 feet
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. This well was dug 26 feet and 4 ft. by 6 ft. galvanized pipe inserted, capped land pump attached, which contains water float, water rising five feet in this dug well.
- The estimated amount of groundwater withdrawn each year. About 8000 gals.
- The log of formations encountered in the drilling of each well, if available. Sandy clay with some rock, overlying pure pea gravel which contains water float, water rising five feet in this dug well.
- 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. There are no prior rights on this well.

Signature of Owner Dr. Warren E. Thime
Date Dec 22 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.

32182

Q362

216255

I received and filed this instrument for
record on the 11 day of January, 1964
at 9:55 o'clock A. M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEYNER, County Recorder
By Martin S. Beyner Deputy
Fee \$ 2.00 Paid

Held in office for
Submitted Dec 2, 1963

270

File No. _____

T. 17^N R. 15^W

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

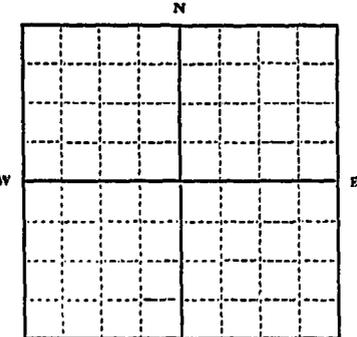
RECEIVED
JAN 14 1964

Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Dr. Warren E. Thime, of Seeley Lake
(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:



SE 1/4 Sec. 20 T. 17^N R. 15^W

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

- The beneficial use on which the claim is based... Domestic and irrigation
- Date or approximate date of earliest beneficial use; and how continuous the use has been... 1941 and used continuously since
- The amount of groundwater claimed (in miner's inches or gallons per minute)... about 10 gallons
- 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 3 acres in SE 1/4 of SE 1/4 of Sec. 20 T. 17 R. 15 owned by Warren E. Thime
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Electric pump, piston type on the SE 1/4 of SE 1/4 of Sec. 20 T. 17 R. 15
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Summer of 1941
- The depth of water table... 25 feet
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... This well was dug 25 feet and a 4 ft and 3 ft galvanized subert pipe inserted capped and a two inch water pump inserted. Filled in and pump attached
- The estimated amount of groundwater withdrawn each year... 12000 gals.
- The log of formations encountered in the drilling of each well if available... Sandy clay with occasional small rock overlying pure sand gravel which contains water flow. Water rising four feet
- 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... There are no other records and there is another well on this property which is reported on a separate declaration

Signature of Owner Dr. Warren E. Thime

Date Dec 22, 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.

211253

copy
 I received and filed this instrument for
 record on the 13 day of January, 1963
 at 9:30 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER, County Recorder
 By [Signature] Deputy
 Fee \$ 2.00 Paid

*Held in office for fee
submitted Dec 23, 1963*

Vertical text on right margin, possibly a list or index of records, including numbers and names.

File No.

T. 17N R. 15W

DUPLICATE

County Missoula 23

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, JACK B. ROSENTHAL, of Box 1102 BOZEMAN
(Name of Appropriator) (Address) (Town)
County of Missoula, State of Montana intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is.....
DOMESTIC
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or minor's inches of groundwater claimed.....
40 Gallons per minute

4. The annual period (inclusive dates) of intended use..... Continuous

5. The probable or intended date of first beneficial use..... Now in use

6. The probable or intended date of commencement and completion of the well* or wells*.....

7. The location, type, size and depth of well or wells contemplated.....
18' dug well with casing

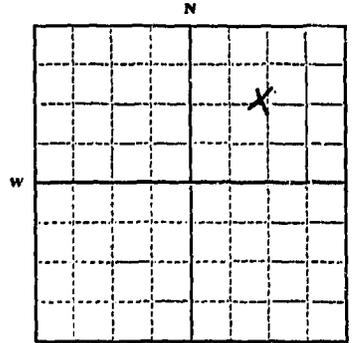
8. The probable or estimated depth of the water table or artesian aquifer.....

9. Name, address and license number of the driller engaged.....
by backhoe

10. Give such other similar information as may be useful

in carrying out the policy of this act.....

2 more also like to file on all the springs in the area that is on my land



File 2410
Date June 21, 1973
Time 1:30 p.m.

NE 1/4 Sec. 23 T17N R15W
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Jack B. Rosenthal

Date 6-19-1973

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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.

42510

333749

I received and filed this instrument for
record on the 21 day of June 1973
at 1:30 o'clock P. M., permanent files
of Missoula County, State of Montana
Witness my hand:
Dorothy L. Head, County Recorder
By Debra Spence Deputy
Fee \$ 2.00 Paid

27
34

File No. _____

T. 17ⁿ R. 15^w

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 17 1964

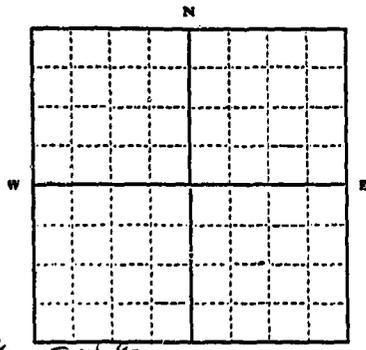
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. JOHN C. and HAZEL A. FALEY, of Box 86, SEELEY LAKE
(Name of Appropriator) (Address) (Town)
D.B.A. NAPITI LODGE CABINS TRAILER COURT

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



3/4 SW 1/4
NE 1/4 NW 1/4
1/4 Sec. 24 T. 17 R. 15

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
TRAILER COURT - CABINS
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1936 - 1964
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 200 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
- 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. 1936
- 8. The depth of water table. 15' - 25'
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
4" casing - 320' deep
- 10. The estimated amount of groundwater withdrawn each year. 1,000,000 gal.
- 11. The log of formations encountered in the drilling of each well if available.
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner John S. Faley
Date 1-15-64

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.

34957

503

217106

copy

I received and filed this instrument for
record on the 3 day of July, 1964
at 9:02 o'clock A.M. permanent file
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By Edna Blaine Deputy
Fee \$ 2.00 Paid

F.S. RECEIVED
JUL 8 1963
A.S.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Top of Ground
(Elev. above sea level. 4500')

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0-10 Silty Tan to brown sand
10-10 Seep of water in Tan to Brown sand.
10-29 Silty sand and tan clay some wood.
29-219 Tan clay. Some silt, sand and wood
219-233 Tan clay with layers of silty sand, some water - rather loose
233-244 Loose silty sand, some water
244-402 Multi-colored clay with thin seams of water bearing sands and gravels.
402-416 Blu-gray clay with tan silty sand and gravel in thin layers
416-417 1/2 Silty sand and silt gravel. little water

Owner USFS SEELEY LAKE RANGER DISTRICT Address SEELEY LAKE, MONTANA

Driller L. E. RAY DOLLING CO. Address MISSOULA, MONTANA

Date of Notice of Appropriation of Groundwater UNKNOWN

Date well started 3-27-63 Date Completed 6-23-63

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Elev. above sea level	Description of Strata	Diameter of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
						Kind and Size	From (Feet)	To (Feet)
417 1/2 - 461	Multi-colored clay with gravel + cobbles imbedded. seeps water	8"	8 5/8 OD x 24.7#	+ 2'4"	663	NONE		
461 - 474	Blu-gray clay with gravel + cobbles imbedded. Dry							
474 - 660	Blu-gray and multi-colored clay and silts with gravel cobbles and boulders imbedded. seeps of water							

660-662 Fine red sand. water
662-663 Fine to medium gravel
Static Water Level for non-flowing Well 15 1/2 feet.

663-665 Clean coarse gravel water. seeps 1 1/2'
Shut-in Pressure for Flowing Well NON-Flowing

665-670 Gravel interspersed in blu-gray gray clay. No water
Pumping Water Level 31.5 feet at 17 gal. per minute.

Discharge in gal. per min. of flowing well NON-Flowing
How Tested BAILOR Length of Test 19 1/2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) ALL WATER

ENTERING WELL THRU OPEN BOTTOM

OF THE EIGHT INCH CASING.

WELL FOR CAMPGROUND USE.

SW 1/4 Sec. 28 T. 17N R. 15W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

670' - BOTTOM of drilled hole.

663' - BOTTOM of casing

Driller's License Number

William F. Osborne
Driller's Signature
William F. Osborne

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.

#245 Copy 209660

I received and filed this instrument for
record on the 15th day of Aug 1963
at 11:10 o'clock A.M. permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By [Signature] Deputy
Fee \$ 2.00 Paid

INDEXED
SERIALIZED
FILED
AUG 15 1963
MISSOULA COUNTY, MONTANA

GW1

File No.

DUPLICATE

RECEIVED

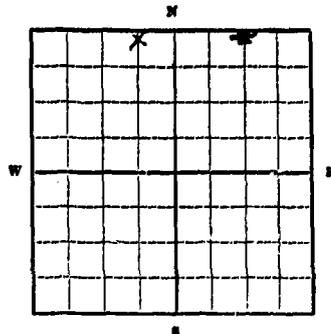
T 17 N R 15 W MPH

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

- I, United States Forest Service, of Seeley Lake, Montana
(Name of Appropriator) (Address) (Town)
County of Missoula, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
- The beneficial use to which water is to be applied is public campground usage
(describe lands to be benefited, if for irrigation)
- The rate of use in gallons per minute or miner's inches of groundwater claimed 20 gallons per minute
- The annual period (inclusive dates) of intended use May 15 - September 15
- The probable or intended date of first beneficial use June 1, 1962
- The probable or intended date of commencement and completion of the well* or wells*
Commencement - February 7, 1962 Completion - March 22, 1962
- The location, type, size and depth of well or wells contemplated
Seeley Lake Campground, drilled well, 200' with an 8" ID casing
- The probable or estimated depth of the water table or artesian aquifer Flowing from 200' aquifer
- Name, address and license number of the driller engaged Liberty Drilling and Pump Company, P. O. Box 830, Missoula, Montana, License No. 52
- Give such other similar information as may be useful in carrying out the policy of this act. None



NW ¼ Sec. 33 T. 17 R. 15

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator U.S. Forest Service

Date 2-9-62

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

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

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

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

1532

2109

189972

I received and filed this instrument for
record on the 21st day of Feb. 1942
at 8:44 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MAREIN S. BEHNER, County Recorder
By *Ernest Stahl* Deputy
Fee \$ 1.00 Paid