

228

File No.

T. 22^N R. 23

DUPLICATE

County Lake

Howmywell

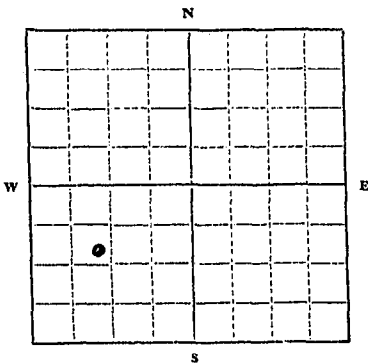
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Anna W. Kemp, of Hot Springs
(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:



NW¹/₄SW Sec. 28 T.22 R. 23

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

- 2. The beneficial use on which the claim is based on domestic, livestock and irrigation purposes.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been According to local report - about 1915 - continuous use. I appropriated same in April 11, 1958.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 miners 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 Approximately 25 acres of Lot 5, SW¹/₄SW¹/₄ of Section 28, Twp 22 N., Range 23 W. Owner Anna W. Kemp
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian Well - 4 inch casing, located approximately 300 feet west of the east line and 340 feet north of the south line of NWSW
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not available
- 8. The depth of water table Flowing well
- 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 Artesian - 4 inch casing - about 230 feet deep
- 10. The estimated amount of groundwater withdrawn each year Not available
- 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 Book 23 - Page 409 - Lake County records.

Signature of Owner Anna W. Kemp

Date November, 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.

8900

R. 322

162322

Anna Kemp

To

The Public

STATE OF MONTANA

County of Lake,

Filed on the 4 day of December

A. D. 1963 at 12:00 o'clock A. M.

HAZEL KINNICK

County Clerk and Recorder

By Mac Johnson

Deputy

REGISTERED
ENGINEER

28

File No.

T 22^N R 23^W

DUPLICATE

County Lake

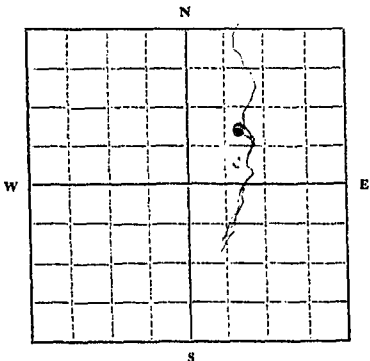
Flowing Well

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1968

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

1. Anna W. Kemp, of 1/4 Hot Springs,
(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:



SW 1/4 NE Sec 28, T. 22, R. 23

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 is domestic livestock and irrigation purposes.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been According to local reports about 1925

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Twenty miners 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 about 8 acres of SW 1/4 NE of Sec 28, Twp 22, Range 23. Owner Anna W. Kemp.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Small artesian flow, also use windmill. Located approximately 700 feet north of the south line and approx. 400 feet west of east line of Sec. 28, Twp 22, Rge 23.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not available.

8. The depth of water table Flows slightly

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 inch casing, depth not available

10. The estimated amount of groundwater withdrawn each year Not available

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 Book 23 - Page 412 - Lake County Records.

Signature of Owner Anna W. Kemp

Date November, 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.

8902

R-324

162324

Anna Kemp
to
The Public

STATE OF MONTANA
County of Lake.
Filed on the 4 day of Dec³¹
A. D. 1963 at 12:40 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By Mae Johnson
Deputy

RECORDED

28

File No.

T. 22^N R. 23^W

DUPLICATE

County. Lake

Flowing Well

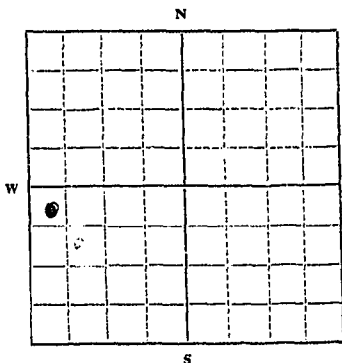
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Anna W. Kemp, of Hot Springs,
(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:



NW 1/4 SW Sec. 28 T. 22 R. 23

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 is domestic, livestock and irrigation purposes.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been According to local report about 1915 - use continuous by previous owners. I appropriated same on April 11, 1958.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) forty miner 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 approximately 45 acres of Lot 5, Lot 4 and 29 & the NWSW of Sec. 28, all in TWP 22, Rge 23
Owner Anna W. Kemp
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian well, approximately 865 feet west of the east line and approximately 740 feet north of the south line of NWSW-28-22-23, 4 inch casing
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not available
- 8. The depth of water table Flowing well
- 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 inch casing - Artesian well, about 230 feet deep.
- 10. The estimated amount of groundwater withdrawn each year Not available
- 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 Book 23 - Page 410 - Lake County Records.

Signature of Owner Anna W. Kemp

Date November, 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.

8901

R. 323

162332

Anna Kempf

To

The Public

STATE OF MONTANA

County of Lake,

Filed on the 4 day of Dec.

A. D. 1963 at 12:22 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By

Mae Johnson

Deputy

GW.

Approved Stock Form—State Publishing Co., Helena, Montana—40876

29

File No.....

T. 22^N R. 23^W M.M.

DUPLICATE

County Pole

Flowing well

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

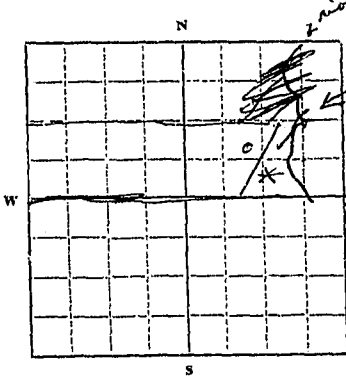
RECEIVED
OCT 29 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Camp Aqua Inc., of Pole
(Name of Appropriator) (Address) (Town)
County of Pole State of Mont
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 mineral bath facilities & irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1913 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 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 20 acres

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

N.E. 1/4 Sec. 29 T. 22 R. 23

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 Drilled in Apr. 1913 - (3 day period)

8. The depth of water table 230 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 240 ft depth 6 inch casing

10. The estimated amount of groundwater withdrawn each year ?

11. The log of formations encountered in the drilling of each well if available Layers of clay small veins of sand - small layers of shale to a depth of 230 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.

Signature of Owner Camp Aqua Inc. Evelyn Rich Pann
Date Oct 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.

6678

owner's mark

R-265

161592

Water Report
Camp Aqua Sue,
Lovelyn Beck, Pres.
to
The Public

STATE OF MONTANA

County of Lake,

Filed on the 18 day of Oct
A. D. 1963 at 3:45 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By M. Knous Deputy

209

29

File No.

T. 22 N. R. 23

DUPLICATE

County Lake

Henry Wells

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1963

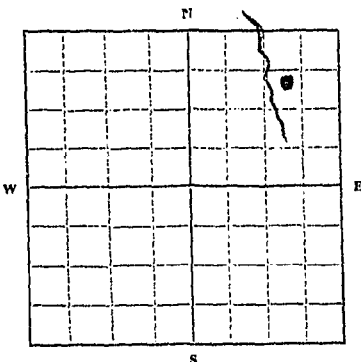
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Anna W. Kemp, of Hot Springs,
(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:



Lot One Sec. 29 T. 22 R. 23

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 is domestic, livestock and irrigation purposes.
- Date or approximate date of earliest beneficial use; and how continuous the use has been according to local report, between 1915 and 1918, continually used by former owners. I appropriated same on April 11, 1958.
- The amount of groundwater claimed (in miner's inches or gallons per minute) Forty miners inches.
- 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 30 acres of Lot 1, Sec. 29 and NWNW of Sec. 28, all in Twp. 22, R. 23. Owner Anna W. Kemp
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian well, approximately 680 feet south of the North line and approximately 510 feet east of the Little Bitterroot river in Lot 1.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not available.
- The depth of water table Flowing well.
- 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 Artesian well, 4 inch casing - about 300 feet deep
- The estimated amount of groundwater withdrawn each year Not Available
- The log of formations encountered in the drilling of each well if available Not available
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Book 23 - Page - Lake County records.

Signature of Owner Anna W. Kemp
Date November, 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.

8899

R 221

16 2321

Anna Kemp
to
The Public

STATE OF MONTANA

County of Lake

Filed on the 2 day of Dec
A. D. 1916 at 11:30 o'clock A. M.

HAZEL KINNICK

County Clerk and Recorder

By

C. Cowman

Deputy

RECORDED
INDEXED

File No.

T. 22^N R. 23^W

DUPLICATE

County... LAKE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

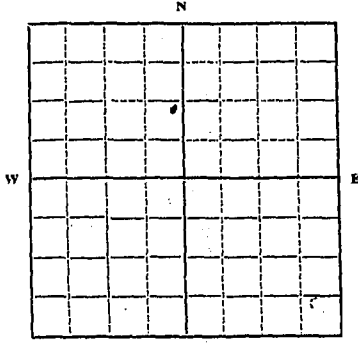
RECEIVED
FEB 24 1965

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. DAVID RUSSELL KEMP of HOT SPRINGS, MONTANA
(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:



S2 NW4 Sec. 29 T. 22 R. 23

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, Irrigation and Public Baths.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... May 1913 and use has been continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... Three-Hundred and Fifty 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... Parts of S2 of NW4 and Lot 3 of Section 29 in Township 22 North and Range 23 West of the M.F.M.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... May 1913.

8. The depth of water table... flowing well

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... drilled well, 6" casing, 244 ft deep

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

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

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

Signature of Owner David Russell Kemp
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.

38973

R-981

169271

Water Report.

David Russell Kempf

to

The Public

STATE OF MONTANA } ss
County of Lake
Filed on the 19 day of Feb.
A. D. 1965 at 2:25 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By Mae Johnson
Deputy
#109

T. 22 R. 23 29
County Lake

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

WATER WELL LOG

Owner: *Amiel Hoop* Address: *Hot Springs*
Driller: *Suburban* Address: _____
Date Started: *Suburban* Date Completed: *Apr 1916*
Location: Sec. 29 T. 22 R. 23 1/4 sec. *SW 1/4 SW 1/4*

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

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

Casing: *3 1/2* ft. to _____ ft. Type: *Iron* Size: *5"*

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: *35'* feet.

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

Pumping water level: *50'* feet at _____ gal. per min.

How tested: *Jet Pump*

Length of test: _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Casing set in gravel

R59 152958

STATE OF MONTANA |
County of Lake, |
Filed on the 28 day of Dec |
A. D. 1961, at 5:40'clock P.M. |
HAZEL KINNICK |
County Clerk and Recorder |
By C. Cowman |
Deputy

T. 22 R. 23 29

County Lake

RECEIVED
JAN 2 1962

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

Owner David Kopp Address Hot Springs

Driller Wm Maxon Address _____

Date Started 1916 Date Completed 1916

Location: Sec. 29 T. 22 R. 23 1/4 sec. NW 1/4 SW 1/4

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: 290' approx ft. to _____ ft. Type Iron Size 4"

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 _____ feet.

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

Pumping water level _____ feet at _____ gal. per min.

How tested: _____

Length of test _____

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

Casing set in gravel

(over)

R58

157957

STATE OF MONTANA }
County of Lake }
Filed on the 7th day of Dec
A. D. 1911 at 11:30 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By G. Cowman Deputy

T. 22 R. 23 29
County Lake

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

WATER WELL LOG

STATE ENGINEER

Owner *David Kopp* Address *Hot Springs*

Driller *Wm. Maxon* Address _____

Date Started *1964* Date Completed *1964*

Location: Sec *29* T. *22* R. *23* 1/4 sec. *NE 1/4 SW 1/4*

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

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

Casing: *290'* deep approx. ft. Type *Iron* Size *4"*

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: _____ feet.

Shut-in pressure, for flowing well: *10 approx* lb./sq. in. on: *Nov 1964* (date)

Pumping water level _____ feet at _____ gal. per min.

How tested: _____

Length of test _____

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

Casing set to gravel bottom

(over)

R 57 152956

Log of Well

Description of Material Drilled

Depth, feet
From To

STATE OF MONTANA }
County of Lake, }
Filed on the 28 day of Aug }
A. D. 1951, at 5:20 clock P. M }
HAZEL KINNICK }
County Clerk and Recorder }
By *F. [Signature]* }
Deputy }

G7

File No.

DUPLICATE

T. 22 N. R. 23 W. 32

County. Lake

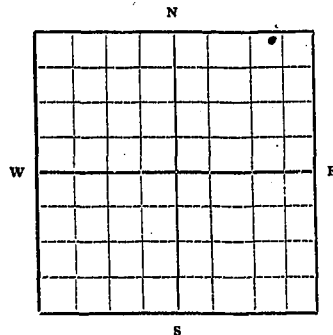
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
DEC 27 1963
STATE ENGINEER

1. Carl Christensen, of Hot Springs
(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 Sec. 32, T. 22, R. 23

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 water, livestock water and lawn and garden irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1928 and has been in constant use since then.

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 lawn and garden irrigation Carl Christensen

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal flowing well with pressure pump. NE 1/4 Sec. 32, T. 22, R. 23

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1928

8. The depth of water table flowing well.

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 inch casing, 220 ft. deep.

10. The estimated amount of groundwater withdrawn each year 5,500 gal. per year.

11. The log of formations encountered in the drilling of each well if available not available, 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 no other information available.

Signature of Owner Carl Christensen

Date 12/9/63

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 School of Mines and Quadruplicate for the Appropriator.

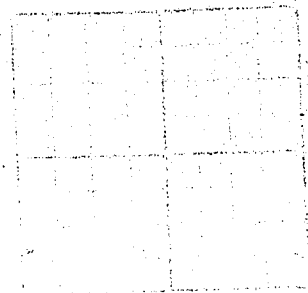
8459

162740

Water Report
Carl R. Christensen

to

The Public



STATE OF MONTANA

County of Lake,

Filed on the 26 day of Dec

A. D. 1963 at 9:18 o'clock A.M.

HAZEL KINNICK

County Clerk and Recorder

By E. Cowman

Deputy

200

File No. _____

T 22^N R 23^W

DUPLICATE

County Falls

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

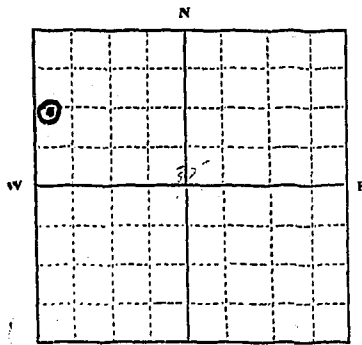
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ronald L. Jacobson (Name of Appropriator), of Hot Springs (Address), (Town)
County of Falls State of Montana

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



Sw 1/4 NW Sec. 32 T. 22 R. 23

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. housewater & stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1920 & had been in continuous use ever since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) approx. 800 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

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. not known around 1920

8. The depth of water table. 300 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 1 well drilled well at 300 ft.

10. The estimated amount of groundwater withdrawn each year. 150,000 gal - approx.

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

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

Signature of Owner Ronald L. Jacobson

Date Dec. 30, 1963

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

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

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

24369

869

163217

Ronald L. Jacobson

DEC 31 1963

STATE OF MONTANA

County of Lake, ss.

Filed on the 31 day of Dec

A. D. 1963 at 5:42 o'clock P. M.

EAZEL KINNICK

County Clerk and Recorder

By M. Kraus

200

Deeds

Form No. 18
8-60

T. 22N R. 23W

32

County LAKE

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 4 1962

STATE ENGINEER

Water Well Log

Owner CLAYTON WHITE Address HOT SPRINGS MONT.

Driller _____ Address _____

Date Started _____ Date Completed 1954

Location: Sec. 32 T. 22N R. 23W $\frac{1}{4}$ sec. NW $\frac{1}{4}$ SE $\frac{1}{4}$

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 275 ft. to _____ ft. Type STEEL Size 8 inch

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

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

Perforated or screened: Ft. _____ to ft. _____ . Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: 250 feet.

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

Pumping water level _____ feet at _____ gal. per min.

How tested: _____

Length of test _____

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

(over)

Log of Well

Depth feet		Description of Material Drilled
From	To	
153001		
		Water well log
		Phyton white
		To
		The Public

R-72

STATE OF MONTANA
 County of Lewis
 Filed on the 1st day of June
 A. D. 1927 at 11:45 a.m.
 JAMES H. SMITH
 County Clerk and Recorder
 By John Z. Davis
 Deputy

Form No. 18
8-60

T. 22N R. 23W ³²

County LAKE

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 4 1962

STATE ENGINEER

Water Well Log

Owner CLAYTON WHITE Address HOT SPRINGS, MONT

Driller EARL KING Address _____

Date Started _____ Date Completed 1952

Location: Sec. 32 T. 22N R. 23W $\frac{1}{4}$ sec. NE 4 SE 4

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 240 ft. to _____ ft. Type STEEL Size 4 inch

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

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

Perforated or screened: Ft. _____ to ft. _____. Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: 18 to 20 lb./sq. in. on: _____
(date)

Pumping water level _____ feet at _____ gal. per min. _____

How tested: _____

Length of test _____

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

SHUT-OFF Valve

(over)

R-71

152790
water well Log
Clayton White
to
The Public

STATE OF MONTANA

County of Lake, ⁵²

Filed on the 7 day of Jan

A. D. 1961 at 9:25 o'clock A.M.

HAZEL KINNICK

County Clerk and Recorder

By Richard Moss
Deputy

Lot 3 S 33 T 22 R 23

33

County Lake

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
NOV 15 1961

WATER WELL LOG

STATE ENGINEER

Owner Carl P. Christensen Address 314 Spring Street

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 33 T. 22 R. 23 1/4 sec. Lot 3

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: _____ ft. to _____ ft. Type iron Size 5 in

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: _____ feet.

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

Pumping water level _____ feet at _____ gal. per min.

How tested: _____

Length of test _____

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

I built this place in July of 1961. The well was drilled in about 1920. It is a flowing well

(over)

R-47

152381

Water well Report
Carl R. Christensen

Log of Well

Description of Material Drilled

STATE OF MONTANA
County of Lake
Filed on the 13 day of Nov
A. D. 1961 at 1:25 o'clock P.M.
HAZEL KINNICK
County Clerk and Recorder
By Robert Moss
Deputy

Depth, feet

To

From

33

GV

File No. _____

T. 22 N R. 23 N

DUPLICATE

County... Lake

Flowing Well

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

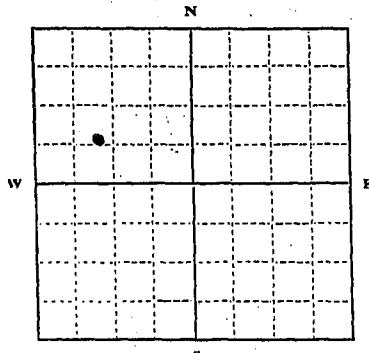
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. CARL P. CHRISTENSEN of HOT SPRINGS
(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:



SW 1/4 NW 33 T. 22 R. 23

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

2. The beneficial use on which the claim is based... Irrigation and livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1920 and has been 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
50 acres of sloping black ground
Owner: Carl Christensen

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Flowing well SW 1/4 NW 1/4 Sec. 33 T. 22 R. 23

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Information not available.

8. The depth of water table... Flowing well

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... Five inch casing 220 ft. d. app. 200 ft. of clay 20 ft. of sandy gravel.

10. The estimated amount of groundwater withdrawn each year... 25,920,000 gal. per year.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county records... no other information available.

Signature of Owner Carl P. Christensen

Date 12/9/63

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.

13472

R-458

162739

Water Report
Carl R. Christensen
to
The Public

STATE OF MONTANA

County of Lake

Filed on the 26 day of Dec
A. D. 1963 at 9:16 o'clock A. M

HAZEL KINNICK

County Clerk and Recorder

By G. C. Cowman
8202 Deputy

GW 7

File No.

RECEIVED

T 22 NR 23 33

ORIGINAL

FEB 7 1972

County Sanders Lake

LOG MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEERS

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

(Under Chapter 237, Montana Session Laws, 1961)



Owner Ron Jacobson Address Hot Springs

Driller Ot Keesa Drilling Address Butte

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

Date well started..... Date completed July 26, 1968

Type of well Drilled Equipment used Cable Tool
(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.

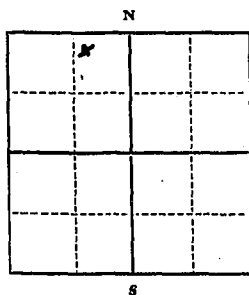
Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	5 5/8" .280" Wall 18.97 #/FT.	+ 1.	258'	1/8" X 6"		

80-170 Tan Clay
170-180 Grey Clay

180-242 Grey Sandy Clay

242-258 Blue Sand & Gravel

Doc. No. P-1318, #202213
Filed for record
this 4 day of February
A. D. 19 72, at 8:05
o'clock A.M.



Static Water Level for non-flowing well feet.

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

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

Discharge in gal. per min. of flowing well

How Tested.....

Length of Test.....

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

NW 1/4 NE 1/4 Sec 33 T22N R23W

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.

Driller's License Number

Driller's Signature

49,827

R-1318

#202213

Water Resources Division
Water Resources Bureau
Engineering Section
Groundwater Section
Sam W. Mitchell Building
Helena, Montana 59601

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 ground-water right.

JUL 12 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES
SERVICES DIVISION

Special Instructions:
Please provide, as indicated in red on the enclosed form, the static water level and pumping water level if the flow is affected; and the static water level and pumping water level if the flow is not affected; and the static water level and pumping water level if the flow is not affected.

Address Hot Springs, MT 598
Location 1. 22N R. 23W Sec. 33
Doc. No. R-1318, 202213

STATE OF MONTANA } ss
County of Lake

FEB 4 1972

Filed on the _____ day of _____
A. D. 19 _____ at 8:05 a.m.

ETHEL M. HARDING

County Clerk and Recorder

By *James R. Bantz* Deputy

R-1218
#202213

STATE OF MONTANA }
County of Lake }
Filed on the 4 day of FEB 1972
A.D. 19 at 8:05 o'clock A.M.
By ETHEL M. WARDING
County Clerk and Recorder
Quinn Bell
Clerk

Water Resources Division
Engineering Bureau
Groundwater Section
Sam W. Mitchell Building
Helena, Montana 59601

Address Hot Springs, MT 59800
Location T. 22N R. 23W Sec. 33
Doc. No. R-1318, 202213

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

JUL 12 1977

Special Instructions:

Please provide, as indicated in red on the enclosed form, the date the well construction was started; and the static water level and pumping water level if the well is pumped. If it is a flowing well, please indicate.

MONTANA DEPARTMENT OF NATURAL
RESOURCES CONSERVATION

If it is a flowing well the law requires that it be valved or capped so the flow can be controlled.

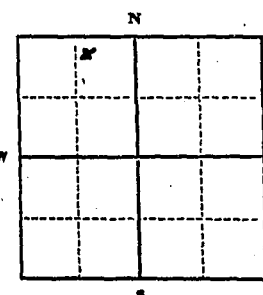
Thank you.

80-170 Tan Clay
170-180 Grey Clay

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" .280" Wall 18.97 #/FT.	+ 1	258'	1/8" X 6"		

180-242 Grey Sandy Clay
242-258 Blue Sand & Gravel

Doc. No. R-1318, #202213
Filed for record
this 4 day of February
A.D. 1978 at 8:05
o'clock A.M.



? Static Water Level for non-flowing wellfeet.
? Shut-in Pressure for Flowing Wellfeet.
? Pumping Water Level feet casingfeet
at 30 gal. per minute.
? Discharge in gal. per min. of flowing well
25

How Tested.....
Length of Test.....
Remarks: (Gravel packing, cementing, packers, type of shutoff).....

N44 NE 1/4 Sec 33 T22N R23W

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).

File No. _____

RECEIVED

RECEIVED

T. J. J. NR. 23 W

ORIGINAL

FEB 7 1972

JUL 12 1972

County Sanders LAKE

LOG
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ron Jacobson Address Hot SpringsDriller O'Keefe Drilling Address Butte

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

Date well started July 3, 1968 Date completed July 26, 1968Type of well Drilled Equipment used Cable Tool
(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.

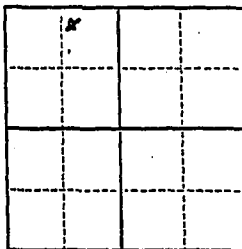
0-80 Brown Clay
80-170 Tan Clay
170-180 Grey Clay

180-242 Grey Sandy Clay

242-258 Blue Sand & Gravel

Doc. No. R-1318, #202213
Filed for record
this 4 day of February
A. D. 1972 at 8:05
o'clock A. M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	5 5/8" .280" Wall 18.97 #/FT.	+ 1	258'	1/8" X 6"		



? Static Water Level for non-flowing well _____ feet.

? Shut-in Pressure for Flowing Well _____

? Pumping Water Level full casing feet
at 30 gal. per minute.

? Discharge in gal. per min. of flowing well 25

How Tested.....

Length of Test.....

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

N. 1/4 NE 1/4 Sec 33, T. 22 N. R. 23 W

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 applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature

119,827

33

File No. _____

T. 22^N R. 23^W

DUPLICATE

County Lake

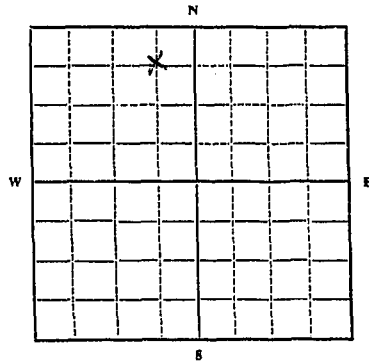
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963

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

Flowing Well

1. A. H. Jacobson (Name of Appropriator), of Box 417 Hot Springs (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 NE 1/4 Sec. 33 T. 22 R. 23

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

- 2. The beneficial use on which the claim is based. Irrigation, stock water and general purpose
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. has on the place when bought in 1944 and have been used continuously ever since
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) at least 100 gals. a 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. 30 acres.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Artisan
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Drilled before 1944 when I acquired the place.
- 8. The depth of water table. 250 ft. approx
- 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. Artisan, 4" case - 350 ft. deep.
- 10. The estimated amount of groundwater withdrawn each year. None visible.
- 11. The log of formations encountered in the drilling of each well if available. Don't know.
- 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 A. H. Jacobson
Date May 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.

10341

R-367

162546

Water Report

A. H. Jacobson

to

The Public

STATE OF MONTANA

County of Lake, ³²

Filed on the 16 day of December

A. D. 1963 at 11:24 o'clock A. M.

HAZEL KINNICK

County Clerk and Recorder

By H. Kraus

Deputy

A 200

GV

Approved Stock Form—State Publishing Co., Helena, Montana—39089

33

File No.

T. 22^N R. 23^W

DUPLICATE

County Lake

Flowing Well

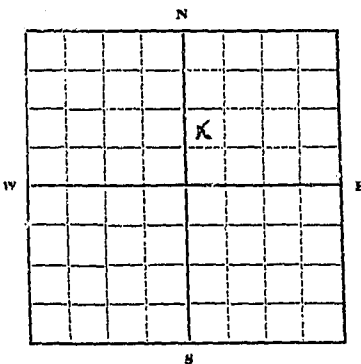
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963

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

1. Arto Jacobson, of Box 417 Hot Springs
(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:



Stone 1/4 Sec 32 T 22 R 23

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

- 2. The beneficial use on which the claim is based Irrigation stock water and general purpose.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been has on the place when bought in 1944 and had been used continuously since.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) at least 50 gals. a 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 25 acres
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilled before 1944 when I acquired the place.
- 8. The depth of water table 250 ft approx
- 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 Artesian 4 in - 250 ft deep.
- 10. The estimated amount of groundwater withdrawn each year Have no idea.
- 11. The log of formations encountered in the drilling of each well if available Don't know.
- 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 Arto Jacobson
Date May 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.

10339

R-365

162544

State Report

A. H. Jacobson

to
The Public

RECEIVED
DECEMBER 16 1963

STATE OF MONTANA }
County of Lake, } 32

Filed on the 16 day of December
A. D. 1963 at 11:20 o'clock A. M.

~~HAZEL KINNICK~~
County Clerk and Recorder

By Th. Kraus
Deputy

200

File No.

T. 22^N R. 23^W

DUPLICATE

County. Lake

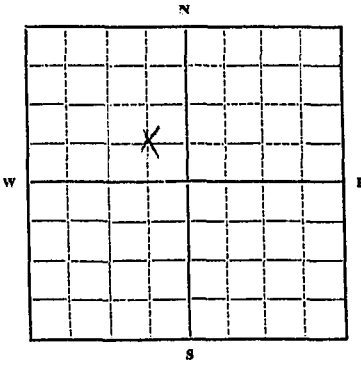
Flowing Well

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)

I, A. H. Jacobson, of Box 117 Hot Springs
(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 NW 1/4 Sec 23 T. 22 R. 23

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

- The beneficial use on which the claim is based Irrigation stock water and general purposes
- Date or approximate date of earliest beneficial use; and how continuous the use has been. Since the place when I bought in 1944 and has been used continuously ever since.
- The amount of groundwater claimed (in miner's inches or gallons per minute) at least 50 gals. a minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 25 acres.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilled before 1944 when I acquired the place.
- The depth of water table 250 ft. approx.
- 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 Artesian 4" case - 250 ft. deep
- The estimated amount of groundwater withdrawn each year. Have no idea.
- The log of formations encountered in the drilling of each well if available. Don't know
- 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. A. H. Jacobson
Date. May 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-366
162545
Water Report
R. H. Jacobson
The Public

STATE OF MONTANA
County of Lake.
Filed on the 16 day of December
A. D. 1963 at 11:25 clock A.M.
HAZEL KINNICK
County Clerk and Recorder
By H. Kraus
Deputy

File No. _____

T 22^N R 23^W

DUPLICATE

County LAKE

Flowing Well

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

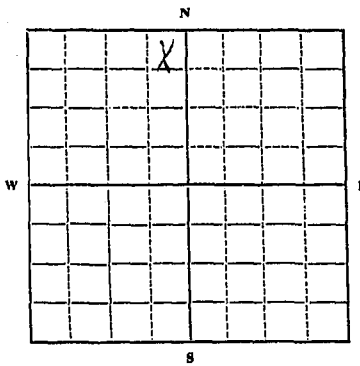
RECEIVED
DEC 19 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, A. H. Jacobson, of Box 417 Hot Springs
(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 NE 1/4 NW 1/4 Sec 22 T 22 R 23

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

2. The beneficial use on which the claim is based. Irrigation stock water, & general use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. was on the place when bought in 1944 and has been used continuously since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). a least 100 gals. a 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. 30 acres.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. drilled before 1944 when I acquired the place.

8. The depth of water table. 250 ft. approx.

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. artisan, 4" case, 250 FT. deep.

10. The estimated amount of groundwater withdrawn each year. have no idea

11. The log of formations encountered in the drilling of each well if available. Don't know

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

Signature of Owner A. H. Jacobson
Date April 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.

10342

R-368
162547
Water Report
A. H. Jacobson
to
The Public

STATE OF MONTANA

County of Lake,

Filed on the 16 day of December

A. D. 1963 at 11:26 o'clock A. M.

HAZEL KINNICK

County Clerk and Recorder

By M. Kraus

Deputy

1/20

File No. _____

T. 22^N R. 23^W

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

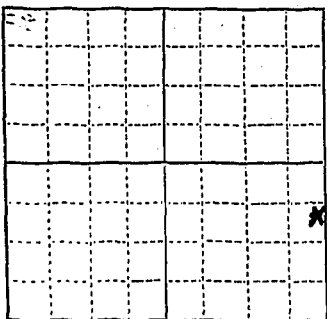
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Raymond John Oberlander
(Name of Appropriator) *Box 1* (Address) *HOTSPRINGS* (Town)
County of *LARK* State of *MONTANA*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE^{1/4} NE^{1/4} Sec 33 T. 22 R. 23

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. *HOUSE - STOCK - GARDEN - TREES - HAY WATER*
- Date or approximate date of earliest beneficial use; and how continuous the use has been. *1914 CONTINUOUS USE*
- The amount of groundwater claimed (in miner's inches or gallons per minute). *30 GALLONS PER MINUTE WITH OUT PUMP*
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. *THIS WELL HELPS IRRIGATE 50 ACRES OWNER - Raymond J. Oberlander*
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. *ARTISAN WELL*

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *NO LOG - FOR BARKER HOTSPRINGS MONTANA 345 - 1914*
- The depth of water table. *ESTIMATE 250 TO 300 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. *TYPE - ARTISAN - SIZE - 4 INCH DEPTH - 250 TO 300 FEET*
- The estimated amount of groundwater withdrawn each year. *IT CAN NOT ESTIMATE - I USE WHAT I NEED FOR HAY AND THEN SHUT IT OFF*
- The log of formations encountered in the drilling of each well if available. *NO LOG - SOIL APPEARS TO BE CLAY AND VOLCANIC ASH*
- 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. *NO RECORD OF THIS WELL TO MY KNOWLEDGE*

Signature of Owner *Ray Oberlander*
Date *Dec 28 1963*

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

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

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

R-809 163155

STATE OF MONTANA
County of Lake, ³⁴
Filed on the 21 day of Dec
A. D. 1903 at 4.16 o'clock P. M.
W. H. H. H. H.
County Clerk and Recorder

By _____
Deputy

33

File No.

T. 22 R. 23

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

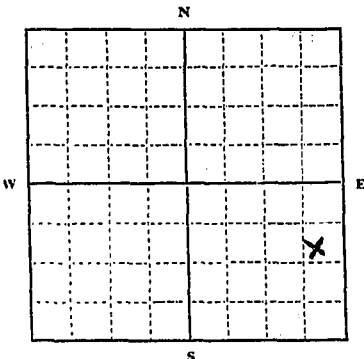
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Raymond John and Marjorie OBERLANDER, of ROUTE 1 HOTSPRINGS, MONT
(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 NE 1/4 Sec 33 T. 22 R. 22

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

- 2. The beneficial use on which the claim is based HOUSE-STOCK HAY-GARDEN-TREES and irrigated grain-
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1914 Use has been continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) NO gallons PER MINUTE WITH OUT PUMP
- 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 THIS WELL HELPS TO IRRIGATE 60 ACRES OF HAY and GRAIN Raymond John Oberlander - OWNER
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ARTISIAN WELL

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater NO LOG ON WELL JOE BEEBE, HOT SPRINGS MONT. ESTIMATES 1914

8. The depth of water table. 250⁽²⁵⁰⁾ to 300 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. TYPE - ARTISIAN - SIZE - 4 inch DEPTH - 250 to 300 feet ESTIMATE

10. The estimated amount of groundwater withdrawn each year I CAN NOT ESTIMATE THIS ACCURATELY - I USE WHAT WE NEED AND THEN SHUT IT OFF

11. The log of formations encountered in the drilling of each well if available. NO LOG - FORMATION APPEARS TO BE CLAY and Volcanic ash

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. NO RECORD ON THIS WELL THAT WE KNOW OF.

Signature of Owner Raymond J Oberlander
Date Dec 28, 1963

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

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

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

R904

163428

STATE OF MONTANA
County of Lake, ss.
Filed on the 2 day of Jan
A. D. 1964 at 11 o'clock P M
HAZEL KINNICK
County Clerk and Recorder
By E. Cowman
Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38496

33

File No. R-116

T. 22 R. 23

DUPLICATE

County Deer

Consent of State Engineer should be clarified

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 18 1962

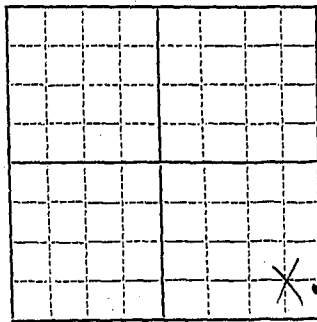
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Walter A. & Grace V. Standley of Rural - Hot Springs
(Name of Appropriator) (Address) (Town)

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



Lot 9
De. 14, Sec. 4, T. 22, R. 23

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

- The beneficial use on which the claim is based... Irrigation and stock water
- Date or approximate date of earliest beneficial use; and how continuous the use has been early homesteading days - anywhere between 1912 and 1920
Used continuously
- The amount of groundwater claimed (in miner's inches or gallons per minute) 500 or more 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
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... artesian (water table)
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
- The depth of water table... 250 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... 1 inch heavy casing
- The estimated amount of groundwater withdrawn each year
- The log of formations encountered in the drilling of each well if available
- 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 Walter A. Standley
Grace V. Standley
Date September 14, 1962

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

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

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

P-116

Water Well Report
Walter A. & Grace V. Stendley
to
The Public

STATE OF MONTANA
County of Lake
Filed on the 14 day of Sept
A. D. 1962 at 2:35 o'clock P M
HAZEL KINFICK
County Clerk and Recorder
By W. Kraus Deputy

00

File No. R-115

T. 22 R. 23

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 18 1962

Declaration of Vested Groundwater Rights

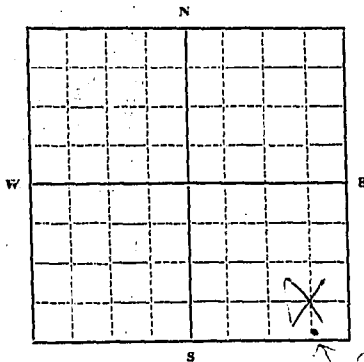
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Walter A. & Grace V. Standley

1. Walter A. & Grace V. Standley, of Rural - Hot Springs,
(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:



Lot 9 4 4
Sec. 33 T. 22 R. 23

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

2. The beneficial use on which the claim is based.....
Irrigation, stock water & Domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Early homesteading days or before 1920
Used continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
200

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.....
artesian (ground water)

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

8. The depth of water table.....
245 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.....
3" heavy casing

10. The estimated amount of groundwater withdrawn each year.....
used continuously in house of owner

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 Walter A. Standley
Grace V. Standley
Date September 14, 1962

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

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

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

115
Water Well Report
Walter G. & Grace V. Stanley
to
The Public.

STATE OF MONTANA } ss
County of Lake.
Filed on the 24 day of Sept
A. D. 1962 at 2:30 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
M. Kraus
Deputy

Form No. 18
8-60

T. 22N R. 23W
County LAKE

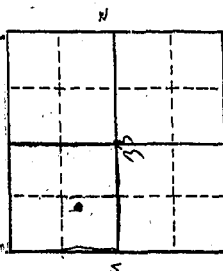
33

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 4 1962

Water Well Log

STATE ENGINEER



Owner CLAYTON WHITE Address HOT SPRINGS MONT.
Driller MAXSON Address _____
Date Started _____ Date Completed _____
Location: Sec. 33 T. 22N R. 23W $\frac{1}{4}$ sec. SE $\frac{1}{4}$ SW $\frac{1}{4}$

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 230 ft. to _____ ft. Type STEEL Size 4 inch

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

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

Perforated or screened: Ft. _____ to ft. _____ . Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: 18 To 20 lb./sq. in. on: _____
(date)

Pumping water level _____ feet at _____ gal. per min.

How tested: _____

Length of test _____

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

SHUT OFF VALVE

(over)

R-74 15.3003

water well log
Clayton White
to
the Public

STATE OF MONTANA
County of Lake,
Filed on the 2 day of Jan
A. D. 1961 at 11:30 o'clock AM
HAZEL KINNICK
County Clerk and Recorder
By Roberta Munn
Deputy

Form No. 18
8-60

T. 22 N R. 23 W
County LAKE

33

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 4 1962

Water Well Log

STATE ENGINEER

Owner CLAYTON WHITE Address HOT SPRINGS, MONT
Driller MAXSON Address _____
Date Started _____ Date Completed _____
Location: Sec. 33 T. 22 N R. 23 W $\frac{1}{2}$ sec. SE 4 SW 4

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 230 ft. to _____ ft. Type STEEL Size 4 inch

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

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

Perforated or screened: Ft. _____ to ft. _____. Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: 18 to 20 lb./sq. in. on: _____
(date)

Pumping water level _____ feet at _____ gal. per min.

How tested: _____

Length of test _____

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

SHUT-OFF Valve - Depth - SURFACE

(over)

Log of Well

R 73 153002

Depth feet		Description of Material Drilled
From	To	
		Water well log Clayton White To The Public

STATE OF MONTANA
County of Lake,
Filed on the 2nd day of Jan
A. D. 1961 at 11:30 clock A.M.
HAZEL KINNICK
County Clerk and Recorder
By Robert J. Jones
Deputy

File No.

T 22^N R 23^W

DUPLICATE

County Salt

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963

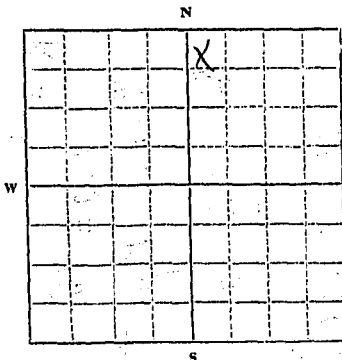
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Ronald L. Jacobson of Hot Springs
(Name of Appropriator) (Address) (Town)

County of Salt 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 Drinking Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Used with glass
water brought in 1944 & have
been in continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) at least 8 gallons a
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 Edmonton pump - hand &
windmill

NE 1/4 Sec. 34 T. 22 R. 23

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 Drilled before 1944 when my father
acquired the place.

8. The depth of water table Approx 120 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 wells - approx 120
feet deep - water drawn water by pump.

10. The estimated amount of groundwater withdrawn each year 6000,000 gallons

11. The log of formations encountered in the drilling of each well if available Not know -
No information 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

State of Montana
County of Sanders

On this 13 day of December, A.D. 1963, before me,
a Notary Public for the State of Montana,
personally appeared Ronald L. Jacobson Signature of Owner Ronald L. Jacobson
to me known to be the person described in, and who executed Date Dec 10, 1963
the foregoing instrument, and acknowledged that he executed the same.

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. Notary Public for the State of Montana
Residing at Hot Springs, Montana
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. Residing at Hot Springs, Montana
My Commission Expires January 23, 1965

R-269

162548

Water Report
Ronald L. Jacobson
To
The Public

STATE OF MONTANA
County of Lake.

Filed on the 16 day of December
A. D. 1963 at 2:28 o'clock A. M.

HAZEL KINNICK
County Clerk and Recorder
By H. Knous Deputy

205

File No. _____

T. 22^N R. 23^W

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

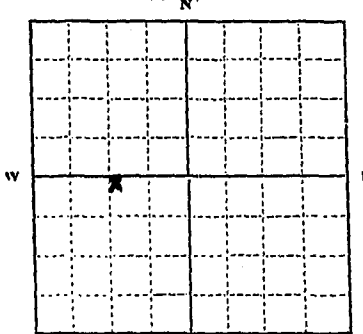
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Raymond John and Marion L. OBERLANDER, of ROUTE 1 HOTSPRINGS
(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 SW 1/4 Sec 23 T. 22 N. R. 23

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

2. The beneficial use on which the claim is based. IRRIGATION AND STOCK WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1913 USE HAS BEEN CONTINUOUS FOR IRRIGATION AND STOCK WATER

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 GALLONS PER MINUTE WITHOUT PUMP

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. IRRIGATES 14 ACRES HAY, THEN RUN OFF WATER GOES INTO DAM Raymond J. Oberlander - owner

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. NO LOG ON THIS WELL. JOE BARBE, HOT SPRINGS MONT SAYS 1913

8. The depth of water table. ESTIMATE 250 TO 300 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. TYPE - ARTISAN - SIZE 4" DEPTH - 250 TO 300 FEET

10. The estimated amount of groundwater withdrawn each year. 169,200 - WILL NEED MORE SOON

11. The log of formations encountered in the drilling of each well if available. NO LOG - SOIL APPEARS TO BE CLAY AND VOLCANIC ASH

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. NO RECORD OF THIS WELL THAT I KNOW OF.

Signature of Owner Raymond J. Oberlander
Date 12/28/1963

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.

24311

1891

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R-810

162156

STATE OF MONTANA
County of Lake
Filed on the 31 day of Dec
D. 1903 at 4:15 P.M.
Shammik
County Clerk and Ex-Officio

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