### GROUNDWATER INDEX

<table>
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<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Whitford F. W. Johnson
(Address)

County of Sanders 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: STOCK WATER

3. Date or approximate date of earliest beneficial use and how continuous the use has been: July 1, 1946
   EACH YEAR SINCE

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 8 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: NONE

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Aug. 1945 - July 1946

8. The depth of water table: 70 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6 inch casing to depth of 101 ft.

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 The estimated amount of groundwater withdrawn each year: 180,000 gals.

11. The log of formations encountered in the drilling of each well if available: NOT AVAILABLE

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

Signature of Owner: WHITFORD F. W. JOHNSON
Date: Dec. 25, 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 Appropriate.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: December 30, 1963

Owner: U.S. Forest Service
Address: Philipsburg, Montana

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. Development of a natural spring and piped water into troughs for stock watering.

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

Signature of Owner:

Date: December 30, 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; quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Prior 1960
Owner: Ralph R. & Mary J. Kelly, Address: Philipsburg (Kelly)
Contractor (if any) :
Address of Contractor :
Date Started: Approxi. 1960; Date Completed: .
Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Ground area, exposed by
subterranean sub-irrigation & other processes of
nature".

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. May then report
estimation of 27.

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.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

David O. Kessler, Address, Philipsburg, 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. Natural Spring, and Trough ____________________

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 ____________________

Signature of Owner ____________________ 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.
FILED FOR RECORD

December 31, 1969
12:00 minutes past 12 o'clock

Agreed

County Recorder

By

Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

DAVE O. KESLER  of PHILIPSBURG,
(Name of Appropriator) (Address) (Town)

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

1. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. NOT KNOWN.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. NOT KNOWN.

4. The amount of groundwater claimed (in miner’s inches or gallons per minute). 20 GALS PER MIN.

5. If used for irrigation, give the average 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. JET PUMP.

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

8. The depth of water table. 18 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. 80 FT. OUS WELL.

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

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

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

Signature of Owner. DAVE O. KESLER
Date DEC. 31, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: DEC. 27, 1963
EVA C. KRIEG
Address: MAXVILLE, MONT.
Contractor (if any): NONE
Address of Contractor: 
Date Started: Date Completed: 

Describe means of obtaining groundwater without a well "as by subirrigation and other natural processes". Include depth to rate when applicable: NATURAL SPRINGS

Quantities 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: MAY
THRU OCTOBER

Signature of Owner: EVA C. KRIEG
Date:

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Approprior.
Filed for record
Dec 27, 1943
At 20 minutes past 1 o'clock
(Signed) M. O. McManus
County Recorder
By - Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Erick V. Johnson, of Philipsburg, Montana, as follows:

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

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

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

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

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

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

   8. The depth of water table:

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

   10. The estimated amount of groundwater withdrawn each year:

   11. 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:

   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:

   Attempted Stock Form—State Publishing Co., Helena, Montana—4142

   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.

   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.

   Date: Dec. 30, 1964

   Signature of Owner: Erick V. Johnson

   Date: Dec. 30, 1964

   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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: April 1947

Owner: Ralph J. Kelly
Address: Phillipsburg

Contractor (if any): None
Address of Contractor:

Date Started: April 1947
Date Completed: April 1947

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

By means of dug drains - depth 3 feet

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. 100 cubic feet per year - used during irrigation
season, May thru Sept. or Oct., for irrigation:

also, stock water, Sept. thru Nov.

(Year around use). Quantity depends on wet or dry years.

Signature of Owner: Ralph J. Kelly
Date: Dec. 1953

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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. RALPH R. and MARY J. KELLY, of Philipsburg, Montana
   (Name of Appropriator) (Address) (Town)
   County of Granite 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 consumption and stock watering.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: July 1, 1889 - continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 150 gallons per minute.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pressure-in-wall, 4 feet in diameter, located approximately 100 feet north of the south boundary on north-south midsection line of Sec. 22, T7N, R14W.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: dug and completed in 1889.

8. The depth of water table: 3 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 was hand dug to depth of approximately 40 feet, walls are brick in and approximately 4' in diameter.

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

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

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

Signature of Owner: Mary J. Kelly
Date: 17 Jan 1889

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.
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: September 1956

Owner: David T. Johnson
Address: Philipsburg

Contractor (if any): Owner
Address of Contractor: Owner

Date Started: September 1956
Date Completed: October 1956

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Water obtained by digging 1200 foot
open drain trench to Soil Conservation Service specifi-
cations, then placing feeder lines of buried fiber
and clay drain tile at 300 foot intervals, also

Water quality and 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.

Flow of water estimated at 50 inches inches to be used for stock
water and intermittent summer irrigation

Signature of Owner: David T. Johnson
Date: Dec 30, 1956

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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: September 1959

Owner: Fred T. Johnson  Address: Philipsburg

Contractor (if any): None  (by owner)

Address of Contractor:

Date Started: June 1959  Date Completed: Sept. 1959

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

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. Average flow
estimated at 75 inches inches. Water used for
summer irrigation by use of steps in ditch, used
in winter for stock water.

Signature of Owner: Fred T. Johnson

Date: Dec. 30, 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, no 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Frank Wildillig Jr., of Philipsburg, Montana, Box L.
   (Name of Appropriator) (Address) (Town)
   County of Granite 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, stock water.

   3. Date or approximate date of earliest beneficial use and how continuous the use has been: 1932 continuous to this date.

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

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

   6. The means of withdrawing such water from the ground and the location of the well or other means of withdrawal: Location indicated on map, water withdrawn with electric pump.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Some time in 1932.

   8. The depth of water table: No known.

   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: Inch and one-half pipe, driven app. 35 feet into ground.

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

   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: Frank Wildillig Jr.
   Date: Dec 31, 1962.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
FILED FOR RECORD

Dec 31, 1963
at 32 minutes past 9 o'clock

[Signature]
County Recorder

By [Signature]
Deputy
# MONTANA BUREAU OF MINES AND GEOLOGY
## Butte, Montana

## WATER WELL LOG

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<tr>
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<td>Owner</td>
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<tr>
<td>Driller</td>
<td>C.J. Wroebs</td>
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<td>Address</td>
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<td>Date Started</td>
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<td>Remarks:</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
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*All measurements are approximate.*
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<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<td>From</td>
<td>To</td>
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<tr>
<td>Surfaces</td>
<td>24' Sand and gravel with clay and some boulders</td>
</tr>
<tr>
<td>24'</td>
<td>40' Tight pressed sand and gravel (water bearing)</td>
</tr>
</tbody>
</table>

JAN 15 1959

Env. Sanitation

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

1. Frank J. Wildhaber of Philipsburg, Montana
   (Name of Appropriate)  (Address)  (Town)
   County of Granite  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:
   Irrigation, stock water, domestic use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   1929, continuous to this date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   Twenty 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:
   Lawn and small garden.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Location indicated on map, water withdrawn with electric pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Unknown in this case.

8. The depth of water table:
   Unknown.

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:
   Inch and one-half pipe driven approximately 25 feet into ground.

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

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:  
   Date: Dec. 31, 1963.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Approprietor.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1964)

1. Frank J. Waldbillig, of Philipsburg, Montana.
   (Name of Appropriator) (Address) (Town)
   County of Granite State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   Irrigation, stock water, domestic use.

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

   1928 - continuous to this date.

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

   Twenty

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

   Law and small garden

   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.

   Location indicated on map, water withdrawn with electric pumps.

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

   Un-known in this case.

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

   Depth of water table. Not known.

   8. The depth of water table.

   Inch and one-half pipe driven app. 22 feet into the ground.

   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.

   Unknown.

   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.

   Reference to book and page of any county record.

   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.


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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Frank Wadllibll Jr., of Philipsburg, Montana Box 17,
   (Name of Appropriator) (Address) (Town)
   County of Granite, 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, stock water, irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   1959 continuous to this date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   Twenty 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.
   Lawn and small garden.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   Location indicated on map, water withdrawn with electric pump.

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

8. The depth of water table.
   Unknown.

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.
   Inch and one-half pipe driven app 35 feet into ground.

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

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: Frank Wadllibll Jr.
   Date: Nov. 31, 1962.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec. 31, 1969

Owner: Frank J. Waldbillig
Address: Philipsburg, Montana

Contractor (if any): None

Address of Contractor:

Date Started: Nov. 1, 1968
Date Completed: Nov. 29, 1968

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

Plastic pipe burled at a depth of 10 feet at course, brings water nearly one-half mile to reach bridge for lawn, garden irrigation and stock water.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate length of periods of use at all times.

Signature of Owner: Frank J. Waldbillig
Date: Nov. 31, 1968

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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

T. J. McKinley
(Address) Philpensburg

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

1. The beneficial use on which the claim is based: Irrigation

2. Date or approximate date of earliest beneficial use: 1907

3. Area or approximate date of earliest beneficial use: 1915 - then kept well

4. The amount of groundwater claimed (in miner's inches or gallons per minute): pump works with first degree work, attack, one promising well, after 20 feet clean, 10 feet with pressure

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: 19 acres

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: approx. since 1907

8. The depth of water table: 12 to 14 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: hole claimed 40 ft. in month, grand

10. The estimated amount of groundwater withdrawn each year: 240,000 gal.

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

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

Signature of Owner: T. J. McKinley
Date: Dec 31 - 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: October 1927

Owner: J. V. Johnson Address: Philipsburg

and G. A. Schanzeney Contractor (if any)

Address of Contractor: None

Date Started: Sept. 1927 Date Completed: October 1927

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

Natural flow of water from ground accumulated in 10 ft. cement reservoir, thence
piped 6000 feet east to residences and stock tanks for continual, year-round use.

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

Measured flow of water nineteen gallons per minute at time of development in 1927. Measured with 5 gallon bucket timed by watch.

Use for residences and livestock.

Signature of Owner: J. V. Johnson

Date: Dec. 30, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate to the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner No. ronald
Address Billingsburg File: P.E. 712
Montana

Date well started May 22, 1970
completed

Type of well drilled
Equipment used
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<p>| Size of Drilled | Size and | From | To |</p>
<table>
<thead>
<tr>
<th>Size</th>
<th>Title of Casing</th>
<th>(Feet)</th>
<th>(Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot; od</td>
<td>0'</td>
<td>60'</td>
</tr>
</tbody>
</table>

Top of Ground

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'</td>
<td>2' for soil</td>
</tr>
<tr>
<td>2'</td>
<td>28' clay &amp; boulders</td>
</tr>
<tr>
<td>28'</td>
<td>52' sandy clay</td>
</tr>
<tr>
<td>52'</td>
<td>60' sand &amp; gravel-water</td>
</tr>
</tbody>
</table>

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

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

Driller's Signature
O'Keefe Drilling Company
Driller's Address: 2804 Harvard Ave.
Butte, Montana 59701 LICENSE NO. 8

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.
86717
FILED FOR RECORD
Oc.t' 24, 1970 at
07 minutes past 10:00 o'clock
R.M.

Agnes M. McDonald
County Recorder

By Maude L. Scholz
Deputy

Fee: $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1943
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner: Mc Donald. Will
Address: philpburg
Montana

Date well started: May 22, 1970
Well completed: same

Type of well: Drilled
Equipment used: auger drill (or name drill or method used)

Water Use: Domestic, Municipal, Stock, Irrigation

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Top of Ground

![Diagram of well site with estimated annual withdrawal and topography details]

Driller’s Signature: O’Keefe Drilling Company
Driller’s Address: 2004 Harvard Ave.

60' Show exact depth of bottom

2176.98
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1969
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: J.W. McDonald
Address: Phillipsburg, Montana
Driller or Knife Drilling Co. Address: Butte, Montana

Date of Notice of appropriation of groundwater: May 13, 1969
Date well started: May 7, 1969
Date completed: May 8, 1969

Type of well drilled
(Use, cased, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Size (ID)</th>
<th>Length (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>6&quot; x D. 17 l.b.</td>
<td>53</td>
<td>Cutting, Torch, 47&quot; 52</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested: Bailer

Length of Test: 2 hours

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

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

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

45,329
85019

FILED FOR RECORD
2 June 11, 1969 at 3:00
minutes past — o'clock
P. M.

Agnes M. McDonald
County Recorder
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Ellery Owen and Genievee C. Owen
(Name of Appropriator) (Address) (Town)

County of Granite 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 is Household and irrigation water.

3. Date or approximate date of earliest beneficial use and how continuous the use has been. This water has been in continuous use for household purposes since, on or about, June 5, 1957, and has been used for irrigation on a seasonal basis since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15° gallons per minute during periods of maximum use.

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. Crop and pasture lands owned jointly by Ellery Owen and Genievee C. Owen and consisting of approximately 7½ acres located along N. R/W line of the State Highway in the SW¼, Sec. 36, T. 78 N., R. 14 W.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Well located in approximately the SW¼ of the acreage described above, where two pumps with separate casings provide the means of withdrawal.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater as indicated above. Work was completed on, or about, June 5, 1957. Commencement took place a few days prior to that time. Most exact reference is a cancelled check.

8. The depth of water table. Approximately 6-8 feet at well site.

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 was dug by means of power equipment to depth of approximately 15½ ft., thereby, creating a relatively large underground cavity into which the two casings were placed and filled around with 3/4" washed gravel trucked in from a washing plant. This gravel fill was carried to a point above the water table before being cemented over to provide the foundation for a building to house the pumps.

10. The estimated amount of groundwater withdrawn each year 3,000,000 gallons (Estimated average)

11. The log of formations encountered in the drilling of each well if available. Type of equipment used prevented accurate log. Too, it might be pointed out that formations here are quite variable, due to glacial action. However, it may be of some significance to mention that, at the well site and for some distance surrounding it, the water table is overlaid with an impervious layer of reddish material. On entering the water we found little, if anything, except granite sand, gravel, and cobblestone.

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

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.
81447
FILED FOR RECORD
Dec. 20, 1966
at 2 minutes past 4:00 o'clock
P.M.

Agnes My McDonald
County Recorder

Fee: $2.00
TRIPlicate

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date: Dec 2, 1963

STATE ENGINEER

File No.: T.7 R.14
County: Granite

I. Ben Wynn of Philipsburg, Granite County, Montana

(Name of Appropriator) (Address) (Town)

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: Milk Irrigation

3. Date or approximate date of earliest beneficial use, and how continuous the use has been since: Oct 23, 1958

4. The amount of groundwater claimed (in min. inches or gallons per minute): 10 gallons per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 3 wells, 6.77 acre-feet, 2-inch casing, pumps

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

8. The depth of water table: 30 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6-inch casing, 75 ft.

10. The estimated amount of groundwater withdrawn each year: 4,000 bins

11. The log of formations encountered in the drilling of each well if available: These specific wells are not observable. The formation in general is rock and gravel you get through top surface

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: Ben Wynn

Date: 11/15/63

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.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: BEATRICE D. 
Address: MILLEROAD, RFD 1
Anacortes, Montana

Driller: C.J. WATKINS
Date of Notice of Appropriation of Groundwater: June 23, 1961
Date well started: May 1961
Date completed: May 1961

Type of well: DRILLED
Equipment Used: Drill
(Chuck, drive, 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. Depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Static Water Level for non-flowing Well: 48 feet
Shut-in Pressure for Flowing Well: 0 feet
Pumping Water Level: 49 feet at 20 gal. per minute
Discharge in gal. per min. of flowing well: 8 gal. per minute
How Tested: Drilled
Length of Test: 1 hr
Remarks: (Gravel packing, cementing, packers, type of shut-off, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller’s License Number
C.J. WATKINS
Driller’s Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: John K. Rock
Address: Philipsburg

Driller: C.V. Drake
Address: Bozeman, Montana

Date Started: April 2, 1940
Date Completed: April 4, 1940

Location: Sec. 25, T. 7 N, R. 114 W, 1/4 sec. 5 W.

Type of well: Drilled
Equipment used: Chute Drill

Water use: Domestic ☐, Municipal ☐, Stock ☐, Irrigation ☐, Industrial ☐, Drainage ☐, Other: ☐

Casing: Surface to 23 ft. ☐, 23 ft. to 43 ft. ☐, Type: Standard, Size: 4".

Casing: 43 ft. to 63 ft. ☐, 63 ft. to 83 ft. ☐, Type: Size:

Casing: 83 ft. to 103 ft. ☐, Type: Size:

Perforated or Screened: Ft. 38 to Ft. 48.

Type of screen or perforations: 3/8" x 3/8" slots.

Static Water level, for non-flowing well: 4 ft.

Shut-in pressure, for flowing well: 1 lb./sq. in. on: (date)

Pumping water level: 37 feet at 38 gal. per min.

How tested: Bailed

Length of test: 14 hours.

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

RECEIVED
DEC. 27, 1940

STATE ENGINEER
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>Surface</td>
<td>3'</td>
</tr>
<tr>
<td>3'</td>
<td>8'</td>
</tr>
<tr>
<td>8'</td>
<td>29'</td>
</tr>
<tr>
<td>29'</td>
<td>48'</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>9</td>
<td>US Forest Service</td>
</tr>
<tr>
<td>9</td>
<td>US Forest Service</td>
</tr>
<tr>
<td>28</td>
<td>Hammond J.C.</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: December 19, 1963

Owner: U.S. Forest Service
Address: Philipsburg, Montana

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. Development of a natural spring and piping water into troughs for stock water.

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

Signature of Owner: ____________________________ Date: ____________

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Filed for Record

[Signature]

[Date]

[Time]

By

Deputy
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 337 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: December 19, 1963

Owner: J. S. Forrest Service
Details: Philipsburg, Montana

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. Development of a natural spring and piping water into troughs for stock water.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate length of periods of use: 3 gallons per minute, used from June 15 to Oct. 15, annually.

Signature of Owner: J. S. Forrest Service
Date: December 19, 1963
Filed for record
10-20-1903
at 36 minutes past 12 o'clock
A.M.
Agnes; Hess
County Recorder
By: Russell Bills
Dwight
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: C.W. Perrera
Address: 665 Philostratus
Driller: Same
Address: Same

Date of Notice of Appropriation of Groundwater: May 30, 1968
Date well started: May 8, 1968
Date well completed: Aug. 2, 1968

Type of well: Hand dug
Equipment Used: Hand tools

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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Rise and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Feet square</td>
<td>None</td>
<td>0</td>
<td>9</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: __ __ feet
Shut-in Pressure for flowing well: __ __ feet
Pumping Water Level: 7 feet at 11 gal. per minute
Discharge in gal. per min. of flowing well: __ __ gal.
How Tested: __ __
Length of Test: __ __
Remarks: (Gravel packing, cementing, packers, type of shut-off, 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)

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

Show exact depth of bottom.

Driller's License Number

Driller's Signature

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

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

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

[Signature]
Driller's Well Drills