STATE OF MONTANA
COUNTY OF CARBON
Office of the County Clerk & Recorder

I hereby certify that the within
Appropriation was filed
for record in my office this 20 day
of Nov. A.D. 1962
at 9:00 a.m.

Attest my hand and the seal of
said County

Frank Arndt
Clerk and Recorder

Face 8

#219
Notice of Completion of Groundwater Appropriation Without Well

(Date of Appropriation of Groundwater: August 24, 1961)

Owner: William E. Johnson
Address: Juliet, Montana

Contractor: None
Address of Contractor: 

Date Started: Aug 22, 1961, Date Completed: Aug 24, 1961

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

Collection field and junction box piped to 150 gallon stock water tank.

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.

10 gallons per hour, estimated by time required to fill 150 gallon tank. Used for stock water approximately 7 months per year.

Signature of Owner: William E. Johnson
Date: 7-4-1962

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)

Date of Appropriation of Groundwater August 24, 1961

Owner: Tillie B. Johnson, Address: Joliet, Montana

Contractor (if any): None

Address of Contractor:

Date Started: Aug. 22, 1961 Date Completed: Aug. 24, 1961

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

Collection field and junction box piped to...

150 gallon stock water tank,


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.

10 gallons per hour, estimated by time required to fill 150 gallon tank. Used for stock water approximately 7 months per year.

Signature of Owner: Tillie B. Johnson

Date: 7-24-61 1961

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.

43, 304
STATE OF MONTANA
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within

APPRAISATION

was filed

for recording in my office this 20th day

of 11/15, A.D. 1965

at 9:05 A.M.

Above my hand and the seal of

the County


Sharon W. Wilcher

Clerk and Recorder

Deputy
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: August 10, 1961

Owner: Tillie E. Johnson
Address: Joliet, Montana

Contractor (if any): None
Address of Contractor: 

Date Started: Aug. 9, 1961
Date Completed: Aug. 10, 1961

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

Spring development.

Collection: Field and junction box piped to 150 gallon clock water tank.

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.

10 gallons per hour, estimated by time required to fill 150 gallon tank. Used for stock water approximately 7 months per year.

Signature of Owner: Tillie E. Johnson
Date: Jan 7, 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.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater August 10, 1961
Box 55
Owner: Tillie B. Johnson Address: Joliet, Montana
Contractor (if any): None
Address of Contractor: 
Date Started: Aug. 9, 1961; Date Completed: Aug. 10, 1961
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring development.
Collection field and junction box piped to 150-gallon stock water tank.

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 10 gallons per hour, estimated by time required to fill 150-gallon tank. Used for stock water approximately 7 months per year.

Signature of Owner: Tillie B. Johnson
Date: Nov. 7, 1961

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.
I, the Clerk and Recorder of the County of Carbon, Montana, do hereby certify that the within Appropriation was filed for record in my office this 20th day of Nov., A.D. 1965, at 4:20 o'clock A.M.

Attorn my hand and the seal of said County.

Frank Breidig     Clerk and Recorder

By:                      Deputy

Form 8 2-65
Notice of Completion of Groundwater Appropriation Without Well

Date of Appropriation of Groundwater: Oct 15, 1964
Owner: T.J. Johnson
Address: 65 Joliet
Contractor (if any): none
Address of Contractor: 
Date Started: Sept 16, 1964 Date Completed: Sept 17, 1964

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring development - Collection field and junction box piped to 200 gal. storage tank.

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. 150 gal.

Signature of Owner: T.J. Johnson
Date: Oct 15, 1964

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriate.
I hereby certify that the within
WaATA, /&%**• wiuJUeii
at /r.'/T o'chmlt /9. M. '
med. [\(\text{\#1069)}\]

196205

\[\text{\#1069)}\]
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: August 24, 1961
Box 65
Owner: Gillie B. Johnson Address: Holter, Montana
Contractor (if any): None
Address of Contractor: 


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

Collection field and junction box piped to 300-gallon stock water tank.

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:

20 gallons per hour, estimated by time required to fill 300-gallon tank. Used for stock water approximately 7 months per year.

Signature of Owner: Gillie B. Johnson
Date: May 22, 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.

43,366
STATE OF MONTANA
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within

[Signature]
was filed
for record in my office this 20 day
of Nov. A.D. 1943
at 9:25 o'clock A.M.

Attested my hand and the seal of
said County

[Signature]
Clerk and Recorder

By [Signature]
Deputy

Fee $2.00
County of Shoshone, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1922, as follows:

(All close together)

<table>
<thead>
<tr>
<th>WELL S</th>
<th>No. 1</th>
<th>No. 2</th>
<th>No. 3</th>
<th>No. 4</th>
<th>No. 5</th>
<th>No. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec. 23</td>
<td>Sec. 23</td>
<td>Sec. 23</td>
<td>Sec. 23</td>
<td>Sec. 23</td>
<td>Sec. 23</td>
<td>Sec. 23</td>
</tr>
</tbody>
</table>

2. Basis of Beneficial Use
   - House Use
   - Irrig. of garden
   - Stock

3. Approx date of Use
   - 1910
   - 1915
   - 1930
   - 1923

4. How continuous?
   - Continuous
   - Continuous
   - Continuous
   - As necessary

5. Amount claimed in miner's inches or gallons per min.
   - 36 gal. per min.
   - 30 gal. per min.
   - 20 gal. per min.

6. Acres irrigated
   - Garden & lawn
   - None

7. Name of Owner
   - H.A. Woods Est. Same

8. Location of Wells
   - Sec 23
   - Sec. 25
   - Sec. 23
   - Sec. 23

9. Means of Withdrawal
   - Elec. Pump
   - Elec. Pump
   - Elec. Pump
   - Elec. Pump

10. Date-Commencement
    - 1910
    - 1915
    - 1930
    - 1923

11. Date-Completion
    - 1923

12. Estimated amount withdrawn annually
    - 1,000,000
    - 700
    - 500

13. Log, if available
    - NA
    - NA
    - NA
    - NA

14. Other information
    - None
    - None
    - NA
    - NA

Signature of owner: H.A. Woods Estate
Date: Dec 27, 1923

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

File No. 951

Administrator of Groundwater Code
Office of State Engineer

County of Shoshone, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1922, as follows:

<table>
<thead>
<tr>
<th>WELL S</th>
<th>No. 1</th>
<th>No. 2</th>
<th>No. 3</th>
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</tr>
</tbody>
</table>

2. Basis of Beneficial Use
   - House Use
   - Irrig. of garden
   - Stock

3. Approx date of Use
   - 1910
   - 1915
   - 1930
   - 1923

4. How continuous?
   - Continuous
   - Continuous
   - Continuous
   - As necessary

5. Amount claimed in miner's inches or gallons per min.
   - 36 gal. per min.
   - 30 gal. per min.
   - 20 gal. per min.

6. Acres irrigated
   - Garden & lawn
   - None

7. Name of Owner
   - H.A. Woods Est. Same

8. Location of Wells
   - Sec 23
   - Sec. 25
   - Sec. 23
   - Sec. 23

9. Means of Withdrawal
   - Elec. Pump
   - Elec. Pump
   - Elec. Pump
   - Elec. Pump

10. Date-Commencement
    - 1910
    - 1915
    - 1930
    - 1923

11. Date-Completion
    - 1923

12. Estimated amount withdrawn annually
    - 1,000,000
    - 700
    - 500

13. Log, if available
    - NA
    - NA
    - NA
    - NA

14. Other information
    - None
    - None
    - NA
    - NA

Signature of owner: H.A. Woods Estate
Date: Dec 27, 1923

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

File No. 951
AS OF MONTANA,
COUNTY OF CARBON

I, the County Clerk & Recorder,
I hereby certify that the within
filing was filed
in the record in my office this 31 day
of ___________ A. D. 1963
at 9:44 a.m.

Attest my hand and the seal of
said County
FRANK APANCHE, COUNTY CLERK

Nancy E. Rusk, Deputy

159659
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 30, 1967
Owner: Theodore T. Johnson
Address: Helena, Montana
Contractor (if any) Donald Richardson
Address of Contractor: New York
Date Started: April 1, 1966
Date Completed: April 30, 1967

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

Two collection fields and junction boxes piped to 650 gallon stock water tank.

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.

20 gallons per hour, flow measured for one hour at stock water tank. Used for stock water 7-12 months per year.

Signature of Owner: See below

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.


45,780
COUNTY OF CARSON

I, the undersigned County Clerk & Recorder,

do hereby certify that the within

Appropriation

was filed

in my office this 5th day

of May A.D. 1969

at 8:10 o'clock A.M.

And that I have affixed my hand and the seal of

said County.

FRANK DRADEK, COUNTY CLERK

County Clerk and Recorder

Page 8

175175
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: 1914

Owner: Gustav Anderson

Contractor (if any):

Address of Contractor:

Date Started: __________________ Date Completed: 1914

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

Natural Springs Piped to Tanks

SE 1/4 SE 26 T 3 R 21

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

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

#1 - 2000 gal per day
#2 - 2,000 gals per day

Signature of Owner: Gustav Anderson

Date: Dec 20, 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.
STATE OF MONTANA,
COUNTY OF CARBON

Office of the County Clerk & Recorder.

I hereby certify that the within

[Signature]

was filed for record in my office this 20 day of Dec. A.D. 1967
at 11:45 o'clock A.M.

Attest my hand and the seal of
said County

FRANK DANCHIK, COUNTY CLERK
Clerk and Recorder

By: [Signature], Deputy
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Anna O. Anderson
(Name of Appropriator)

Box 101 Juliet
(Address)

County of Carbon

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 livestock and irrigation of yard and garden.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Well in SE 1/4 of NW 1/2 since 1948. The others since 1905.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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. Approximately one acre is irrigated, and it is located in NW 1/4 of SE 1/4, Section 27 T 33 R 21 E.

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. 1948.

8. The depth of water table 32 feet for surface water and 102 feet for the water in the well used for household purposes.

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. Six inch casing on well located on SE 1/4 of NW 1/4, Section 27. Not applicable to others as they are dug by hand and vary in diameter.

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.

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.

42, 806
STATE OF MONTANA,
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within
Application was filed
for record in my office this 30 day
of A.D. 1963
at 4:25 o'clock P.M.

Attest my hand and the seal of

Frank Saurus

County Clerk and Recorder

[Signed]
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 2-20-64

Owner: 
Address: 

Contractor (If any): 
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 Flow Spring

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

10 gpm

7 months used for livestock

Signature of Owner: 
Date: 2-20-64

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF CARBON

SS.

I, the undersigned County Clerk, do hereby certify that the facts set forth in the within instrument were duly recorded in the office of the County Clerk of the said County for the period beginning on the 1st day of June, 1972, and ending on the 30th day of June, 1972.

I, the undersigned County Clerk, do hereby certify that the facts set forth in the within instrument were duly recorded in the office of the County Clerk of the said County for the period beginning on the 1st day of July, 1972, and ending on the 30th day of June, 1973.

I, the undersigned County Clerk, do hereby certify that the facts set forth in the within instrument were duly recorded in the office of the County Clerk of the said County for the period beginning on the 1st day of July, 1973, and ending on the 30th day of June, 1974.

[Signature]

CLERK AND RECORDER
COUNTY OF CARBON
STATE OF MONTANA
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: October 7, 1965  
Harold J. Johnson  
Carmel, New York  

Owner: Theodore T. Johnson  
Address: Manlius, New York  

Contractor (if any): None  
Address of Contractor: 

Date Started: Oct. 4, 1965  
Date Completed: Oct. 7, 1965  

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.  
Spring development: Collection field and junction box piped to 700 gallon stock water tank.  

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.  
17 gallons per hour, flow measured for one hour at stock water tank. Used for stock water 7 - 12 months per year.  

Signature of Owner: Theodore T. Johnson  
Date: January 7, 1966  

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.  

* Harold J. Johnson  
** Theodore T. Johnson  
23 North Gate Road  
Silverwood Drive  
Carmel, New York 10512  
Manlius, New York 13104  

Signed: Harold J. Johnson  
Date: Jan 6, 1966  
Elaine B. Motney  
Mailing Public Official of N. Y.  
Commissioner Filed in Washington County  
No. 16-32479  
Term Expires March 25, 1967  
Elaine B. Motney  
Date: 4-3-69
STATE OF MONTANA,  
COUNTY OF CARRON  

I, the undersigned, do hereby certify that the within

Instrument was filed for record in my office this 26th day
of Jan., A.D. 19
at 2:30 o'clock P.M.

Assist my hand and the seal of
said County.
FRANK DUNIGAN, COUNTY CLERK

[Signature]

[Signature]
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: 1914
Owner: David Anderson
Address: 123 Main St.
Contractor (if any): John Doe
Address of Contractor: 456 Elm St.
Date Started: 01/01/1959
Date Completed: 12/31/1959

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

Natural spring piped to tank.
Spring piped to house.

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.

#1 = 6,000 gal per day
#2 = 3,000 gal per day

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

Signature of Owner: David Anderson
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 Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within

Water filing was filed
for record in my office this 20 day
of Dec. A.D. 1962
at 11:50 A.M.

Attest my hand and the seal of
said County

FRANK DANNAKER, COUNTY CLERK
Clerk and Recorder

By: "Deputy"
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 2-20-64

Owner: Johnson
Address: [Address]

Contractor (if any): [Contractor's Name]
Address of Contractor: [Address]

Date Started: [Date]
Date Completed: [Date]

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

[Drawings and Maps]

N 35 T 3 R 21

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: [Quantities and Explanation]

Signature of Owner: [Signature]
Date: [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.
STATE OF MONTANA
COUNTY OF CARBON \nOffice of the County Clerk & Recorder
I hereby certify that the within
Water filing was filed
for record in my office this 20 day
of 1964 A.D. 1964
at 11:25 A.M.

Attest my hand and the seal of
said County
FRANK DANICHES, COUNTY CLERK
Clerk and Recorder


Copy by Deputy

Notice of Completion of Groundwater Appropriation
Without Well

Date of Appropriation of Groundwater: 2-20-64

Owner: Dolly Johnson
Address: Juliet

Date Started: 1-24-64  Date Completed: 1-31-64

Address of Contractor:

Contractor (if any):

Date of Application of Groundwater: 2-20-64

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

Natural Flow Spring

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

20.7 c.f.s. per hour

Water used for Livestock

Signature of Owner: Dolly Johnson

Date: 2-20-64

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

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

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

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

Office of the County Clerk & Recorder

I hereby certify that the within

Welsh filing was filed

for record in my office this 20 day

of Dec. 4, D. 1964

at 11:20 A.M.

Attest my hand and the seal of

said County

FRANK DANNICH, COUNTY CLERK

Clerk and Recorder

[Signature]

Fees: $ [Amount]
**Owner:** R. Harvey Johnson  
**Address:** 823 South Montana St. 
**Driller:** Loren G. Hargraves  
**Address:** 823 Production College  
**Date Started:** October 13-1953  
**Date Completed:** Oct 30-1953  

**Location:** Sec. 3 S E 1/4 Sec. 5 E 1/4 

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
<th>Casing:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Cable drill</td>
<td>40 ft. to 492 ft. Type Cement, Size 8&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use:</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>492 ft. to</td>
<td>8&quot;</td>
</tr>
<tr>
<td>40 ft. to</td>
<td>6&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water level 40 ft. from surface</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>(date)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of test:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shut-off provided by automatic switch controlled by float in water tank</td>
</tr>
</tbody>
</table>

**Date stamped:** DEC 18 1958  
**County:** Carbon  
**STATE ENGINEER:**
**WATER WELL LOG**

Owner: R. Henry Johnson  
Address: 245 John Montana

Driller: Leon E. Anderson  
Address: Redwater, Billings

Date Started: Oct 15, 1953  
Date Completed: Oct 30, 1953

Location: Sec. 35 T. 36 N. R. 31 E. 1/4 sec. 54 NW 1/4

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock</td>
<td>Cable drill</td>
</tr>
</tbody>
</table>

Water use:  
- Domestic □
- Municipal □
- Stock □
- Irrigation □
- Industrial □
- Drainage □
- Other □

Casing:
- 40 ft. to 492 ft.  
  Type: Cast iron  
  Size: 8"  
- Casing:
  Size:

Perforated or Screened:  
- Ft. to Ft.  
  Type: Sheet metal  
  Size: 6"

Type of screen or perforation: Sheet metal casing, perforated to 10' from bottom

Static Water level, for non-flowing well: Water level 40' from surface, feet.

Shut-in pressure, for flowing well: lb. sq. in. on: ________

Pumping water level: 40' from surface, feet at 5 gal. per min.

How tested: Drifting in 5 gal. bucket

Length of test: 1 hour 30 minutes

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

Shut-off, provided by automatic switch, controlled by float in water tank
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>158</td>
<td>Sandstone</td>
</tr>
<tr>
<td>38 - 45</td>
<td>Light Sandstone</td>
</tr>
<tr>
<td>45 - 58</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>58 - 60</td>
<td>Dark Sandy Shale</td>
</tr>
<tr>
<td>60 - 78</td>
<td>Light Sandy Shale</td>
</tr>
<tr>
<td>78 - 105</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>105 - 116</td>
<td>Gray Sandy Shale</td>
</tr>
<tr>
<td>116 - 120</td>
<td>Brown Sandy Shale</td>
</tr>
<tr>
<td>120 - 139</td>
<td>Brown Sandy Shale</td>
</tr>
<tr>
<td>139 - 146</td>
<td>Brown Sandy Shale</td>
</tr>
<tr>
<td>146 - 170</td>
<td>Gray Sandy Shale</td>
</tr>
<tr>
<td>170 - 185</td>
<td>Light Sandy Shale</td>
</tr>
<tr>
<td>185 - 200</td>
<td>Mixed Shale</td>
</tr>
<tr>
<td>200 - 211</td>
<td>Light Sandy Shale</td>
</tr>
<tr>
<td>211 - 231</td>
<td>Mixed Sandy Shale</td>
</tr>
<tr>
<td>231 - 238</td>
<td>White Sandy Shale</td>
</tr>
<tr>
<td>238 - 247</td>
<td>White Sandy Shale</td>
</tr>
<tr>
<td>247 - 279</td>
<td>Light Sandy Shale</td>
</tr>
<tr>
<td>279 - 350</td>
<td>Blue Sandy Shale</td>
</tr>
<tr>
<td>350 - 362</td>
<td>Light Blue Sandy Shale</td>
</tr>
<tr>
<td>362 - 373</td>
<td>Light Blue Shale</td>
</tr>
<tr>
<td>373 - 378</td>
<td>Gray Sandy Shale</td>
</tr>
<tr>
<td>378 - 380</td>
<td>Light Gray Shale</td>
</tr>
<tr>
<td>380 - 390</td>
<td>Mixed Shale</td>
</tr>
<tr>
<td>390 - 398</td>
<td>Mixed Shale</td>
</tr>
<tr>
<td>398 - 408</td>
<td>Mixed Shale</td>
</tr>
<tr>
<td>408 - 438</td>
<td>Mixed Shale</td>
</tr>
<tr>
<td>438 - 449</td>
<td>White Sandstone</td>
</tr>
<tr>
<td>449 - 462</td>
<td>Pure Gray Sandy Shale</td>
</tr>
<tr>
<td>462 - 469</td>
<td>Black Shale</td>
</tr>
<tr>
<td>469 - 498</td>
<td>Blue Shale</td>
</tr>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>1</td>
<td>28</td>
</tr>
<tr>
<td>30</td>
<td>45</td>
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<tr>
<td>45</td>
<td>50</td>
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<td>52</td>
<td>60</td>
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<td>60</td>
<td>72</td>
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<td>72</td>
<td>78</td>
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<td>78</td>
<td>88</td>
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<td>108</td>
<td>116</td>
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<td>116</td>
<td>120</td>
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<td>120</td>
<td>129</td>
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<tr>
<td>134</td>
<td>136</td>
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<td>136</td>
<td>170</td>
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<td>170</td>
<td>185</td>
</tr>
<tr>
<td>185</td>
<td>200</td>
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<tr>
<td>200</td>
<td>211</td>
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<tr>
<td>211</td>
<td>223</td>
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<tr>
<td>223</td>
<td>231</td>
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<td>231</td>
<td>239</td>
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<td>239</td>
<td>247</td>
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<tr>
<td>247</td>
<td>259</td>
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<td>259</td>
<td>262</td>
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<td>262</td>
<td>273</td>
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<td>273</td>
<td>277</td>
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<td>277</td>
<td>281</td>
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<td>281</td>
<td>286</td>
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<td>286</td>
<td>301</td>
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<td>301</td>
<td>303</td>
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<tr>
<td>303</td>
<td>323</td>
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<tr>
<td>323</td>
<td>353</td>
</tr>
<tr>
<td>353</td>
<td>455</td>
</tr>
<tr>
<td>455</td>
<td>462</td>
</tr>
<tr>
<td>462</td>
<td>471</td>
</tr>
<tr>
<td>471</td>
<td>475</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: P. Henry Johnson
Address: Box 45, Butte, Montana

Driller: Arne F. Ahannas
Address: 838 Broadway, Butte

Date Started: Sept. 26, 1950
Date Completed: Oct. 22, 1950

Location: Sec. 35 T. 26 N. R. 21 E. 1/4 sec. NE 3 SW 4

Type of well: Cased well
Equipment used: Cable drill

Water use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [X]

Industrial [ ] Drainage [ ] Other: [ ]

Casing: 110 ft. to 130 ft. Type: East Iron Size: 6"

Casing: 130 ft. to 150 ft. Type: [ ] Size: [ ]

Casing: 150 ft. to 170 ft. Type: [ ] Size: [ ]

Perforated or Screened: East Iron casing perforated to 10 ft. from bottom by Welling tool

Static Water level, for non-flowing well: 30 ft. above surface feet.

Shut-in pressure, for flowing well: 40 lb./sq. in. on: [ ]

Pumping water level: 40 ft. from surface at: 10 gal. per min.

How tested: Pumping 30 gal. per minute continuously 17 hours per day

Length of test: 17 hours per day

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

1. Shut-off by manual operation of electric motor. 1/2 HP electric motor. Flow conveyed to garden and lawn through 1" pipe.
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 1</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>Heavy clay soil</td>
</tr>
<tr>
<td>60</td>
<td>110</td>
</tr>
<tr>
<td></td>
<td>Black shale</td>
</tr>
</tbody>
</table>


MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner: R. Henry Johnson  
Address: Box 5  
City: Butte  
State: MT  
Zip: 59701

Driller:  
Address:  
City:  
State:  
Zip: 

Date Started: Sept 15, 1929  
Date Completed: Sept 28, 1929

Location: Sec. 35  
T. 36 S.  
R. 13 W.  
1/4 sec. N 4 SW 1/4

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>Suction, hand-driven pump,</td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td></td>
</tr>
</tbody>
</table>

Water use: Stock  

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>28</td>
<td>15</td>
<td>Tile</td>
<td>2&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. to</th>
<th>Ft. to</th>
</tr>
</thead>
<tbody>
<tr>
<td>28</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
</tr>
</thead>
</table>

Static Water level, for non-flowing well: 10 feet

Shut-in pressure, for flowing well: 10 psi

Pumping water level: 15' below surface, 10 gal. per min.

How tested: Pumping, 10 gal. per minute for 2 hours

Length of test: 2 hours

Remarks: Shutoff by manual operation of switch on  

HP electric motor

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Heavy Silt</td>
</tr>
<tr>
<td>18</td>
<td>Gravelly Sandstone</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>2</td>
<td>Allen Anderson</td>
</tr>
<tr>
<td>2</td>
<td>Allen Anderson</td>
</tr>
<tr>
<td>5</td>
<td>Daniel F. Lowland</td>
</tr>
<tr>
<td>9</td>
<td>Mary Eib</td>
</tr>
<tr>
<td>10</td>
<td>Ralph C. McRae</td>
</tr>
<tr>
<td>10</td>
<td>Mary Eib</td>
</tr>
<tr>
<td>11</td>
<td>Helen F. Anderson</td>
</tr>
<tr>
<td>11</td>
<td>Helen F. Anderson</td>
</tr>
<tr>
<td>12</td>
<td>Harold Arthur</td>
</tr>
<tr>
<td>13</td>
<td>Helen Anderson</td>
</tr>
<tr>
<td>15</td>
<td>Stanley Anderson</td>
</tr>
<tr>
<td>17</td>
<td>Thaddeus T. Ditts</td>
</tr>
<tr>
<td>18</td>
<td>James C. Anderson</td>
</tr>
<tr>
<td>20</td>
<td>Helen F. Anderson</td>
</tr>
<tr>
<td>20</td>
<td>Helen F. Anderson</td>
</tr>
<tr>
<td>21</td>
<td>Helen F. Anderson</td>
</tr>
<tr>
<td>21</td>
<td>Helen F. Anderson</td>
</tr>
<tr>
<td>22</td>
<td>Eldolph Eib</td>
</tr>
<tr>
<td>22</td>
<td>Eldolph Eib</td>
</tr>
<tr>
<td>23</td>
<td>Harold Arthur</td>
</tr>
<tr>
<td>25</td>
<td>Harold Arthur</td>
</tr>
<tr>
<td>26</td>
<td>Howard Hall</td>
</tr>
<tr>
<td>26</td>
<td>Howard Hall</td>
</tr>
<tr>
<td>26</td>
<td>Mary Eib</td>
</tr>
<tr>
<td>26</td>
<td>Marian Hall</td>
</tr>
<tr>
<td>27</td>
<td>Jack Evers</td>
</tr>
<tr>
<td>27</td>
<td>Jack Evers</td>
</tr>
<tr>
<td>28</td>
<td>Jordan Poynter</td>
</tr>
<tr>
<td>30</td>
<td>O.T. Eib</td>
</tr>
<tr>
<td>31</td>
<td>Daniel F. Anderson</td>
</tr>
<tr>
<td>32</td>
<td>Daniel F. Anderson</td>
</tr>
<tr>
<td>33</td>
<td>Daniel F. Anderson</td>
</tr>
<tr>
<td>34</td>
<td>Daniel F. Anderson</td>
</tr>
<tr>
<td>35</td>
<td>Helen F. Anderson</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: [Name]
Address: [Address]
Driller: [Name]
Address: [Address]
Date of Notice of appropriation of groundwater: [Date]
Date well started: [Date]
Date completed: [Date]
Type of well: Drilled
Equipment used: Churn drill
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>Size and Weight of Cage</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inch</td>
<td>Plumber</td>
<td>6</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>8-0</td>
<td>4-3/4</td>
<td>6</td>
<td>266</td>
<td>34/5</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 170 feet.
Shut-in Pressure for Flowing Well: [Pressure]
Pumping Water Level: 190 feet
Discharge in gal. per min. of flowing well: [Discharge]
How Tested: [Test Method]
Length of Test: [Length]
Remarks: (Gravel packing, cementing, packers, type of shutdown)

[Diagram showing strata and test results]

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

Water has sulphate in it.

[Paragraph explaining water quality and usage]

Show exact depth of bottom.

[Depth measurement]

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, tissues copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
(Handwritten document with unclear text)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

Owner: Allen Fields
Address: Joliet, Montana
Driller: B & H Drilling
Address: Fiskville, Mont.

Date of Notice of appropriation of groundwater: __________
Date well started: __________ Date completed: __________

Type of well: __________ Equipment used: __________
(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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cables</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 1/2 inch</td>
<td>6 1/8</td>
<td>14</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>4 1/2</td>
<td>18.97</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plastic</td>
<td>1/2</td>
<td>12</td>
<td>72</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4/8</td>
<td>60</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 4 feet.
Shut-in Pressure for Flowing Well: _______
Pumping Water Level: _______ feet at _______ gal. per minute.
Discharge in gal. per min. of flowing well: _______

How Tested: __________
Length of Test: _______ hrs;
Remarks: (Gravel packing, cementing, packer, type of shutoff): __________

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

Near SW 1/4 SE 1/4 R. 22

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

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

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

Driller's License Number: __________
Driller's Signature: __________

45,997
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERS

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

Date of Appropriation of Groundwater: __________
Owner: 
Address: 
Contractor (if any): 
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:

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: __________

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,
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within

[Signature]
was filed
for record in my office this 23 day
of November, A.D. 1963

at 1:00 o'clock P.M.

Attest my hand and the seal of
said County

[Signature]

Clerk and Recorder

By:

Fees $2.00
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: 1900
Owner: Mary Eik
Address: Joliet, Mont.
Contractor (if any): None
Address of Contractor: None
Date Started: 1900
Date Completed: 1900

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

Free flowing

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.

5 gal./min.

Signature of Owner: Oscar Eik
Date: 12/27/63

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; Triple to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF PENNSYLVANIA
COUNTY OF CARBON SS.
Office of the County Clerk & Recorder

I hereby certify that the within
Appraisement was filed
for record in my office this 27th day
of Dec. A.D. 1963
at 11:10 o'clock A.M.
Assist my hand and the seal of
said County

Frank D. Daniel
Clerk and Recorder

by

Deputy

Fees $ 2.00
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

(Declaration of Vested Groundwater Rights)

File No. 3
County of Carbon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County of Carbon

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

1. Boyd C. McKay

   (Name of Appropriator)

2. The beneficial use on which the claim is based

   [Signature]

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

   approximately 1932

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

   1,000,000

5. If used for irrigation, give the acreage and description of the lands to which groundwater 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 withdrawal of groundwater

10. The estimated amount of groundwater withdrawn each year

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

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

[Signature]

Date: Jan 26, 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 School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA,
COUNTY OF CAMPBELL

Office of the County Clerk & Recorder

I hereby certify that the within
was filed
for record in my office this __ day
of January, A. D. 19__
at __ o'clock __ M.

attest my hand and the seal of

George W. Hagedorn
Clerk and Recorder

For __, __, __
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 26 1968

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

<table>
<thead>
<tr>
<th>1. Name</th>
<th>Appropriate</th>
<th>(Name of Appropriate)</th>
<th>(Address)</th>
<th>(Town)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>County of</td>
<td>State of</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Carbon</td>
<td>Montana</td>
<td></td>
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</tbody>
</table>

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 + stock

3. Date or approximate date of earliest beneficial use: 1900 intermittent

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 4 gal/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: No irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1900

8. The depth of water table: 10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 1/2" pipe 30' deep

10. The estimated amount of groundwater withdrawn each year: 300,000 gal

11. The log of formations encountered in the drilling of each well if available: sand - rock

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

Signature of Owner: Oscar Ells
Date: 1/27/63

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.
STATE OF MONTANA,
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within

Appropriation

was filed

for record in my office this 27th day

do

of   Dec. A.D. 1963

at 11:05 a.m.

Attain my hand and the seal of

said County

Mark Divine

Clerk and Recorder

By

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

1. (Name of Appropria tor) of (Address) (Town) (State of) 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.

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. 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: ____________________________ 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 Appropria tor.
Notice of Receiver

RECEIVED
JAN 26, 1959

1932

Natural Spring
Sub-irrigation on a dry site

SW 1/4 Sec. 22
Domestic water mainly
for stock purposes.

This form to be prepared by
the County Engineer and
represented to the
Commissioner.

Three copies of this notice are to be filed with the County Engineer, a copy to be kept in the office in which the
works are located.

Please answer all questions
on the back of this page,

Original to the County Clerk,
Bureau of Mines and Geology.

[Signatures]
12/20/63

(Handwritten notes)}
DeclARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

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

JAN 26 1939

<table>
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<tr>
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<th>Sec.</th>
<th>Sec.</th>
<th>Sec.</th>
<th>Sec.</th>
<th>Sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELLS</td>
<td>No. 1</td>
<td>No. 2</td>
<td>No. 3</td>
<td>No. 4</td>
<td>No. 5</td>
<td>No. 6</td>
</tr>
</tbody>
</table>

2. Basis of Beneficial Use: Domestic supply

3. Approx date of Use: 1935
   How continuous? Continuous

4. Amount claimed in miner's inches or gallons per min.: 18 gal per min.

5. Acres irrigated: 20

6. Description: Untested

7. Name of Owner: Harold Cithen

8. Location of Well: S/NW

9. Means of Withdrawal: Pump

10. Date-Commencement: 1935
    Date-Completion: 1935

11. Depth of water table: 140 ft

12. Type, size, depth of specifications of works: Available

13. Estimated amount withdrawn annually: 300,000 gal

14. Log, if available: Available

15. Other information: Available

Signature of owner: Harold Cithen
Date: Jan 18 1965

Please answer all questions. If not applicable to state, etc, then the form will be returned.
STATE OF MISSOURI
COUNTY OF CARSON

Office of the County Clerk & Recorder

Thereby certify that the within

Notarized identity

was filed for record in my office this 18th day
of _Jan_ A.D. 1965
at 4:10 o'clock P.M.

Attorn my hand and the seal of
said County

FRANK BANCHEL, COUNTY CLERK
Clerk and Recorder

[Signature]

Fees $2.00 pl
S T A T E O F M O N T A N A
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Helen Stamm of 818 North 50th, Billings
   (Name of Appropriator) (Address) (Town)
   County of Yellowstone, 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: irrigating, watering, livestock and domestic use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: July 18, 1945, continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 miner's in.

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: Part of Lot 4, South of Railroad Section 12, Twp. 3 South, Rge. 22 East, containing 60 acres, Carbon County, Montana. Helen Stamm, owner.

6. The means of withdrawing such water from the ground and the location of each well or other methods of withdrawal: Electric pumps on Stann Spring and below confluence of Stann Spring, Creek and another Spring Creek coming from the Blain place.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: June 15, 1945, Stann Spring; April 20, 1961, Stann Spring, Creek and Blain Spring Creek.

8. The depth of water table: depth of source of spring water 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:
   4" pipe from Stann Spring.
   4" pipe from Stann and Blain Spring Creeks.

10. The estimated amount of groundwater withdrawn each year: 1,450,000 gallons.

11. The log of formations encountered in the drilling of each well if available: No Wells.

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, Location of water right made in Carbon County in April 1961, book and page number unknown but available.

Signature of Owner: Helen Stamm
Date: July 10, 1961

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

(Under Chapter 237, Montana Session Laws, 1961)

| Owner: Stanley A. Whittemore, Billings | Date of Notice of Appropriation of Groundwater: |
| Driller: Sand Diving, Billings | Date Well Started: 10/11/66 |
| Address: Billings | Date Completed: 10/25/66 |

**Type of Well:** \( \ldots \) Equipment Used: \( \ldots \) (Cured, driled, bored or \( \ldots \) other)

**Water Use:**
- Domestic
- Municipal
- Other
- Irrigation
- Industrial
- Drainage
- Stock

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

**Table:**

<table>
<thead>
<tr>
<th>Date of Drilled Hole</th>
<th>Size and Weight of Drilling</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot;</td>
<td>1&quot;</td>
<td>+1</td>
<td>80</td>
<td>10</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well:** 104 feet

**Shut-in Pressure for Flowing Well:** 20 feet at 50 gpm

**Pumping Water Level:** 66 feet

**Discharge in gal. per min. of flowing well:** 2,500 gal.

**How Tested:** Drilled and gravel packed

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

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Driller's License Number: Sand Diving

Driller's Signature: Sand Diving

This form to be prepared by driller, and 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 deemed.

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

**File No.: 1184**

**County:** Carbon