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<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. George H. McCooe, of Box 339, Baker

County of Fallon, 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: household use, and stock watering.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: July 22, 1941.

4. The amount of groundwater claimed (in miner's 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: one acre in the NE/4 of Sec. 1, T15N, R54E.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: July 22, 1941.

8. The depth of water table: not 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: 10 feet.

10. The estimated amount of groundwater withdrawn each year: 360,000 gallons.

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

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

Signature of Owner: George H. McCooe
Date: August 10, 1965

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1912

Owner: Robert E. Lee
Address: Hayden Lake, Idaho

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. 

three of them

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. 

About 8 months a year
Unlimited number of stock to 70 gal per minute

Signature of Owner: Robert E. Lee
Date: 12/30/63

Signature of Owner: By Kenneth Edwards (agent)
Date: 12/30/63

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; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December, A. D. 1963, at 3:58 o'clock P.M.

[Signature]
County Clerk and Recorder

By: [Signature] Deputy
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

1. Clifford M. Pederson  
of  C. R. Rt.  Glandive  
County of Dawson  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been December, 1961 and continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per min.

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

6. The means of withdrawing such water is well with 3 inch pipe 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 December 1961.

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 well drilled to 100 feet.

10. The estimated amount of groundwater withdrawn each year 448,400 gal.

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

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

Signature of Owner: Clifford M. Pederson  
Date: December 18, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Approprietor.
STATE OF MONTANA
County of Dawson

Filed for record this 23 day of December, A. D. 1962, at
3:30 o'clock P.M.

[Signature]
County Clerk and Recorder.

By [Signature] Deputy
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

| Date of Appropriation of Groundwater | 1960 |
| Owner | Clifford M. Pederson |
| Address | C.R.Rt. Glendive, Montana |
| 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 of 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. | 6.8 gallons per minute from spring to winter |
| Indicate point of appropriation and place of use, if possible. | |

Signature of Owner (Clifford M. Pederson)

Date: December 18, 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 Dawson

Filed for record this ___ day of
December, A. D. 1942, at
3:30 o'clock P.M.

Hurd C. Russell
County Clerk and Recorder.

By C. M. Warren, Deputy.
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

County of Dawson

State of Montana

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

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
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</tbody>
</table>

2. The beneficial use on which the claim is based—Livestock water.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)—15 gal. per min.

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

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

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

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—60 ft. depth—Cemented casing, with 2½ outlet.

10. The estimated amount of groundwater withdrawn each year—Nurturing of 250 head of cattle per day.

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

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: William C. Dahlman

Date: 12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

Filed for record this 31st day of December, A. D. 1963, at 4:30 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By. Deputy.
STATE OF MONTANA, ss.
County of Dawson.

I HEREBY CERTIFY That the foregoing instrument was filed for record this 29th day of December, 1961, at 11:30 A.M. and is duly recorded in Book D-5, Page 10 of Water Rights.

Fee Paid $1.00

Return To: State Engineer
Address: Helena, Montana

By: Deputy

Owner: Raymond E. Carlson
Address: C. B. Rte. Glendive, Montana

Contractor (if any): None
Address of Contractor: None

Date Started: None
Date Completed: None

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

Numerous ponds along this creek are used by owner as drinking water for livestock. Ponds are periodically cleaned of debris by owner.

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.

Ponds are used to water livestock, mostly in spring, summer and fall. At times 175 head of cattle drink at these ponds consuming an estimated 4,000 gal per day.

Signature of Owner: Raymond E. Carlson
Date: December 29, 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 School of Mines 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: June 1, 1952

Owner: Raymond T. Carlson
Address: O. B. Rte, Glendive, Montana

Contractor (if any) None
Address of Contractor None

Date Started None Date Completed None

 Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Numerous ponds along this
creek are used by owner as drinking water
for livestock. Ponds are periodically
s cleaned of debris by owner.

Quantity of water developed and used with explanation of meth-
od used to measure or estimate such amount. If use is intermit-
tent estimate approximate lengths of periods of use

Ponds are used to water livestock, mostly
in spring, summer and fall. At times 175
head of cattle drink at these ponds,

Signature of Owner: Raymond T. Carlson
Date: December 29, 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
School of Mines 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: Feb. 23, 1962
Owner: Hal Farno
Address: Glaesing, Mont.
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. Springs, Ponds along Sand Creek in Sec. 22, T15S R14 E1

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: To water lot times 150 head of cattle consuming estimated 4000 gal. per day

Indicate point of appropriation and place of use, if possible: 4

Signature of Owner: John Farno
Date: Feb. 23, 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 School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Dawson

Filed for record this 23rd day of
Dec. A. D. 192__ at
10:30 o'clock A.M.

Theodore W. Russell
County Clerk and Recorder.

By: Alice Cartley Deputy.

In pd. 20c
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: 1963
Owner: John A. Johnson
Address: 627 Helena, MT

Contractor (if any): John A. Johnson
Address of Contractor: 627 Helena, MT

Date Started: Dec. 30, 1963
Date Completed: Jan. 7, 1964

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

Spring Creek, near a spring and creek, some springs

adjacent in coal beds

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.

This is year around use

Natural creek

Undescribed

Signature of Owner: John A. Johnson
Date: Jan. 7, 1964

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.
286906

STATE OF MONTANA
County of Dawson.

Filed for record this 3/14 day of
February A. D. 1963, at

3:30 o'clock P.M.

GORDON W. RUSSELL
County Clerk and Recorder.

By _______________________ Deputy.
2. The beneficial use on which the claim is based Stock Water Household, garden irrigation, lawn & trees.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   January 1932

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 acreage and description of the lands to which water has been applied and name of the owner thereof
   Sh Corner of NE 1 Sec 32 s24, T. 15, R54
   Swan R. Carlson

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Pressure pumps 2 wells about 200 ft apart in sand creek, NE Sec 24, T. 15, R54.

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

8. The depth of water table About 15 feet in well locations and in creek ponds from 1 ft deep in spring and early summer to 2 ft below ground in late summer & early fall

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
   Wells 25 feet deep.
   Ponds in creek are kept cleaned out.

10. The estimated amount of groundwater withdrawn each year 250,000 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
   Water holes are filled in spring and after heavy rains and ground seepage, and from springs.

Signature of Owner

Date: December 29, 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.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>1</th>
<th>Swan R. Carlson</th>
<th>of</th>
<th>C. B. Rte, Glendive, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>County of</td>
<td>Dawson</td>
<td>State of</td>
<td>Montana</td>
</tr>
</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: **Stock Water**
   - garden irrigation, lawn & trees.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **January, 1932**

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 acreage and description of the lands to which water has been applied and name of the owner thereof:
   - **Sw Corner of NE 1/4 Sec 24 T 15 R 54**
   - **Sw Corner of NE 1/4 Sec 24 T 15 R 54**
   - **Sw Corner of NE 1/4 Sec 24 T 15 R 54**
   - **Sw Corner of NE 1/4 Sec 24 T 15 R 54**

   **Indicate point of appropriation and place of use, if possible.**
   - **Pressure pumps 2 wells about 200 ft apart in SW 1/4.**
   - **also water for stock from natural ponds in sand creek, NE Sec 24, T 15, R 54.**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - **Water holes, 25 ft deep.**
   - **Well 15 ft deep.**
   - **Ponds in creek are kept cleaned out.**

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

8. The depth of water table: **About 15 feet in well locations and in creek ponds.**
   - **from 3 ft deep in spring and early summer to 2 ft below ground in late summer & early fall.**

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:
   - **Wells 25 ft deep.**
   - **Ponds in creek are kept cleaned out.**

10. The estimated amount of groundwater withdrawn each year: **250,000 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:
   - **Water holes are filled in spring and after heavy rains and ground seepage, and from springs.**

Signature of Owner: **Swan R. Carlson**

Date: **December 29, 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.
Top of Ground

<table>
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<th>From (Feet)</th>
<th>To (Feet)</th>
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<tr>
<td>20</td>
<td>40</td>
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<tr>
<td>60</td>
<td>80</td>
</tr>
<tr>
<td>80</td>
<td>100</td>
</tr>
</tbody>
</table>

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

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: *Clayton Hayt*

Address: *Eldorado*

File No.: *37/2898*

Date well started: *10-11-72*  GW 1

Date well completed: *10-21-72*  GW 1

Type of well: *Drilled*  

Equipment used: *Rotary*  

Water Use: Domestic [X]  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**

<table>
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<tr>
<th>Size of Hole</th>
<th>Size and Depth of Hole</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
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</table>

**PERFORATIONS**

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<th>Diameter</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
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<tbody>
<tr>
<td>70</td>
<td>90</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: *12 ft.*

Pumping water level: *6 ft.*

at 16 gallons per minute, measured 90 minutes after pumping began.

*Measured from ground level. Well developed by drilling for 3 hours.*

Power: *Electric*  Pump: *1/2 HP*

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

司机签名: *M. M. Wajch*  

司机地址: *916 Sea Dyer*  

MT. License No.: *223*

**INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.**

Each small square represents 40 acres.

**Show exact depth of bottom**

59-28
STATE OF MONTANA

Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: JOHN R. DEVIER
Driller: THEIS DRILLING CO.
Date of Notice of Appropriation of Groundwater: Nov. 29, 1963
Date well started: Nov. 19, 1963
Type of well: BORED
Equipment Used: BORING
Water Use: Domestic

Top of Ground
(Sand)
(Clayey Sand)
(Gravel)
(Shale)
(Clayey Shale)
(Water)

Show exact depth of bottom.

Static Water Level for non-flowing Well: 28 ft.
Shut-in Pressure for Flowing Well: None
Pumping Water Level: 0 feet at 0 gal. per minute.
Discharge in gal. per min. of flowing well: None
How Tested: None
Length of Test: None
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)

18" Ins. on 18" Gravel used to pack around 18" CAP
Culvert piping in 26 hole

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.
STATE OF MONTANA
County of Dawson

Filed for record this 2nd day of December, A.D. 1965, at 1:30 o'clock P.M.

Gordon A. Russell
County Clerk and Recorder.

By: Gaye Schuttin Deputy.

See ppd. $25.
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

Maudie Reynolds  
(Name of Appropriator)  
of  
Glendive  
(Address)  
(Descr.)  
(Town)  
County of Dawson  
(State of Montana)

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

<p>| | | | | | | |</p>
<table>
<thead>
<tr>
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<td>NE WE Sec 25 15 R56</td>
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</tbody>
</table>

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:  
Maudie Reynolds  
Date: 12-23-63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Sections Laws 1961)

1. Shell Oil Company of P. O. Box 257 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 beneficiaries are on which the claim is based
      Supply water for oil well drilling

   3. Rate of appropriation and of earliest beneficial use
      and how the claim in the use has been April 1952

   4. The amount of groundwater claimed (in miner's inches
      or gallons per minute), 20 gal/min

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

   6. The name of withdrawing such water from the ground
      and the location of such well or other means of
      withdrawal
      Pump - Motor driven

   7. The date of commencement and completion of the construction of the well, wells or
      other works for withdrawal of groundwater
      Started April 1952, Comp. April 1952

   8. The depth of water table

   9. So far as it may be available, the type, structure depth of each well or the general
      specifications of any other works for the withdrawal of groundwater
      TD 1220 ft. 5-1/2" deep at 1220

   10. The estimated amount of groundwater withdrawn, 210,000 bbls per 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 indicating reference to book and page of any county record
      This well not in use at present

Signature of Owner: Shell Oil Company
late February 5, 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 Yellowstone

having first been duly sworn, deposes and says, that he is of lawful age and is the appropriator of Shell Oil Co. and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriate person and claimant, that he knows that the contents of said foregoing notice and that the matters and things therein stated as true.

Subscribed and sworn to before me, this 5th day of February 1962

Margaret W. Laugh
Notary Public for the State of Montana
Residing at Billings, Montana
My Commission expires March 30, 1962

278340

STATE OF MONTANA
County of Dawson

Filed for record this 7th day of September, A.D. 1962, at 9:00 o'clock A.M.

R. L. Smiley
County Clerk and Recorder.

By
Deputy.
WATER WELL LOG

Owner: SHELL OIL COMPANY P. O. Box 2537
Address: Billings, Montana

Driller: Livingston
Address: Wimett, Montana

Date Started: April 52
Date Completed: April 52

Location: Sec. 15 N., T. 54 E., R. 33 sec., Southwest

Type of well: Drilled
Equipment used: Churn drill

Water use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other: [ ]

Casing: 0 ft. to 1220 ft. Type: 118 Size: 5-1/2

Perforated or Screened: 10 ft. to 1219 ft.
Type of screen or perforations: Torch perforated

Static Water level, for non-flowing well: feet.
Shut-in pressure, for flowing well: lb./sq. in. on: (date)
Pumping water level: feet at gal. per min.

Length of test: 
Remarks: (Grouting, cementing, packers, type of shut-off, depth of shut-off)

Larada packer at 1029 ft.

Salinity 634 ppm

(over)
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: June 1948

Owner: John R. Xavier  Address: C.B. Rte, Glendive, Montana

Contractor (if any): Natural Springs, developed by

Address of Contractor: Grazing Land Users

Date Started: Natural  Date Completed: Springs

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 other natural processes. (Natural Spring) Spring A was further developed by pipe and tank in

June 1948.

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. Spring A: Five
gallons per minute, estimated by timing and measuring. Spring B: 20 gallons per minute, estimated by timing and measuring.

Signature of Owner: John R. Xavier

Date: April 4, 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 Dawson

Filed for record this 4th day of
April, A.D. 1962, at
3:00 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By

Deed pd. 1962
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER:

Declaration of Vested Groundwater Rights

(Under Chapter 287, Montana Session Laws, 1961)

1. Robert Lee
   (Name of Appropriator)
   of Hayden Lake, Idaho
   (Address)
   County of Dawson
   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
   Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1910

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

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

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

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
   20 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
   

10. The estimated amount of groundwater withdrawn each year
    Can't Tell

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
    None

Signature of Owner

Date: 12/31/63

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

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

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

32010
STATE OF MONTANA
County of Dawson

Filed for record this 21st day of
December, A.D. 1962, at
3:30 p.m., in Court.

[Signature]
County Clerk and 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

Maude Reynolds
(Name of Appropriator)

Glendive
(Address)

County of Dawson
(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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 1958

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 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: Maude Reynolds
Date: 12/23/1983

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 Dawson

Filed for record this 23rd day of December A. D. 1943, at 2 o'clock p.m.

By

County Clerk and Recorder.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Maude Reynolds
   (Name of Appropriator)

   of
   (Address)

   County of Dawson
   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 house and livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   3 wells June 1953; 1 wall July 1958; 4 wall 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute) each 100 miner's inches

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not so used at present time

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Motor pumps on three with 1/2" pipe approx. 30 ft in length; 3" pipe 1200 ft on fourth motor pump at present on fifth

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   June 53 on three, July 1958 on fourth and 1960 on fifth

8. The depth of water table approx. 25' in all of the four wells. Not known on 5th as oil company drilled same.

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
   30' with 1/2" pipe on four wells with 3" pipe 1200 ft deep on the well in the SE 1/4 Sec. 34, T15 R44

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

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 Maude Reynolds

Date 12-23-63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
286337

STATE OF MONTANA
County of Dawson

Filed for record this 23rd day of
December A. D. 1952, at

Gordon W. Russell
County Clerk and Recorder

By

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

George S. Devier
(Name of Appropriator)

County of Dawson
(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: All livestock water, domestic use, well A: Dawson, well B: Domestic.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: All A: April 1943 and each year since, well B: 1948 and each year since.

4. The amount of groundwater claimed: In (miners inches or gallons per minute). all A: Ten 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: All the wells have been used to irrigate garden and shrubs and lawns.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Wells are about 300 feet apart in the building of Buffalo Reuse Farm Unit #100. well A has a pump and pump jack, well B has a deep well jet pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: well A: complete in September 1943, well B: completed June 1948.

8. The depth of water table: Thirty-five feet below water table, static level, 37 feet.

9. So far as may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: all A: drilled with four-inch ID casing, 80 feet deep, all B: drilled with four-inch ID casing, forty feet deep.

10. The estimated amount of groundwater withdrawn each year: all A: 300,000 gallons per year, well B: 40,000 gallons per year.

11. The log of formations encountered in the drilling of each well if available: All A: Heavy clay and clay to 35 feet, gravel and sand, further formations unknown, well B: Heavy clay and clay to 35 feet, gravel and sand to 42 feet, then heavy clay and shale.

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 Owners: George S. Devier
Date: DEC 23 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
County of Dawson

Filed for record this 23rd day of December, A.D. 1965, at 2:30 o'clock P.M.

Gordon W. Cannon
County Clerk and Recorder.

By: Deputy.

[Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

John R. Devier
of C. B. Route, Glendive, Montana
Capability: (Name of Appropriator)
(Address) (Town)

County of Dawson
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. Headquarters use at corrals and barnyards for livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, July 15, 1962, used ever since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Twenty-five 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. None.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump and cylinder with electric motor and pump jack.


8. The depth of water table. Thirty feet and sixty-two feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled four inch to casual at sixty-two feet.

10. The estimated amount of groundwater withdrawn each year. 30,000 gallons or more.

11. The log of formations encountered in the drilling of each well if available. Yellow sandy loam from surface to about 60 feet; sands and gravel for several feet; blue clay loam from about 60 feet to sixty-two feet where another vein of sand and gravel contains a second vein of water.

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

Signature of Owner: ____________________________
Date: April 3, 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
County of Dawson
Filed for record this 4th day of
April A. D. 19__ at
3:00 o'clock P.M.

Landon W. Russell
County Clerk and Recorder.

By Alice D. S. County.

Fee paid $2.00
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: John A. Davies
Address: Missoula, Mont.

Driller: Harvey Johnson
Address: Missoula, Mont.

Date of Notice of Appropriation of Groundwater: Nov 7, 1962
Date well started: Nov 7, 1962
Date Completed: Nov 27, 1962

Type of well: Drilled
Equipment Used: Churn tool
(Churn, drill, rotary or other)

Water Use: Domestic
Industrial
Municipal
Stock
Irrigation
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 Casing</th>
<th>Feet To (Feet)</th>
<th>Perforations</th>
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<th>Size</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
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<tr>
<td>7&quot;</td>
<td>6&quot;</td>
<td>29</td>
<td>33</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 17 feet.
Shut-in Pressure for Flowing Well:
Pumping Water Level: 2.5 feet at 24 gal. per minute.
Discharge in gal, per min. of flowing well:
How Tested: Drilled
Length of Test: 96 hours

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

Driller's License Number: 22
Driller's Signature: Harvey I. Johnson

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.
<table>
<thead>
<tr>
<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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<td>T15N-R5E</td>
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<td>Mitchell, James C.</td>
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<td>Kehoe, Harold</td>
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<td>285/83</td>
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<td>Miller, Edward</td>
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<td>284/1-24</td>
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<td>Miller, William</td>
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<td>Draper, Robert P.</td>
<td>Hw.2</td>
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<td>12</td>
<td>Johnson, Charles</td>
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<td>Temple, Howard</td>
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<td>H chewing, Leo</td>
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<td>Baum, Andrew E.</td>
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<td>Hardesty, James H.</td>
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<td>287/031</td>
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<td>Hulbich, John B.</td>
<td>Hw.3</td>
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<td>Sheppard, Harold</td>
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<td>Flammang, Harold A.</td>
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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: 1950 |
| Owner: John Doe | Address: 123 Main St |
| Contractor (if any): Jane Smith | Address of Contractor: 456 Oak Ave |
| Date Started: | Date Completed: |
| Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable: Spring 5000 gal daily |
| 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: Water stock year assumed |
| Indicate point of appropriation and place of use, if possible: W 1/4 SE 1, T. 35 N, R. 55 E |
| Signature of Owner: Jane Smith | Date: 1/1/64 |

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.
286190

STATE OF MONTANA
County of Dawson

Filed for record this 10th day of December, A.D. 1962, at 4:00 o'clock P.M.

J. W. Russell
County Clerk and Recorder.

By: M. Schatten
Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Name of Appropriator}  of Box 1306, Helena, Montana (Address) (Town)
   County of _________  State of Montana
   have, appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   Well 1: July 1, 1949 - 54
   Well 2: August 1, 1951 - every other day, 1951

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1. Well 1: 15 gallons per minute
   2. Well 2: 15 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:
   Well 1: 10 acres
   Well 2: 10 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Well 1: Jet type pumps
   Well 2: Jet type pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Well 1: 1949
   Well 2: 1951

8. The depth of water table: Well 1: 50 feet below surface
   Well 2: 50 feet below surface

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 1: Jet type pumps
   Well 2: Jet type pumps

10. The estimated amount of groundwater withdrawn each year:
    Well 1: 750 gallons per day
    Well 2: 750 gallons per day

11. The kind 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 Appropriator.
STATE OF MONTANA
County of Dawson

Filed for record this 10th day of December A.D. 1962 at 4:27 o'clock P.M.

Stanley M. Russell
County Clerk and Recorder

By: Page Schumacher Deputy

Jan 8th 1963
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

I, Robert Chesterfield, of 113 E. 1ST St., Glendive, 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: Household

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

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

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: 517 acres, Robert Chesterfield

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

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

8. The depth of water table: 80 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: 50 ft. deep well

10. The estimated amount of groundwater withdrawn each year: 250,000 gal.

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: Robert Chesterfield
Date: 12-13-62

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 Dawson

Filed for record this 13th day of
November A.D. 1903, at
10:30 o'clock A.M.

Gordon W. Russell
County Clerk and Recorder.

By
Deputy.

For pub. 

285856
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Date well started... 9-8-62
Date completed... 9-13-62

Type of well... Drilled
Equipment used... Cased well (Drill, driven, 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.

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

Static Water Level for non-flowing well 15 feet.
Shut-in Pressure for Flowing Well... 50 feet at... 16 gal. per minute.
Discharge in gal. per min. of flowing well
How Tested...  Booster
Length of Test... 1 hr

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

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.
STATE OF MONTANA
County of Dawson
Filed for record this 7th day of
Oct. 19 69 at
1:35 o'clock P.M.

Vernon C. Russell
County Clerk & Recorder
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Arthur W. Gehner of Box 483 Glendive

(Name of Appropriate) (Address) (Town)

County of Dawson 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

- 1. House
- 2. Irrigation
- 3. Stock

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

- 1. 1956
- 2. 1960
- 3. 1955

4. The amount of groundwater claimed (in million gallons per minute)

- 1. 10 gal per min.
- 2. 10 gal per min.
- 3. 5 gal per min.

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

- 1. 1 acre

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

- 1. Electric Jet Pump
- 2. Electrick Jet Pump
- 3. Shallow Well Pump

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

- 1. 1956
- 2. 1960
- 3. 1955

8. The depth of water table

- 1. 20 feet
- 2. 20 feet
- 3. 12 feet

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

- 1. Depth 36 ft. 11" casing
- 2. Depth 31 ft. 6" casing
- 3. 22 feet depth 10" casing

10. The estimated amount of groundwater withdrawn each year

- 1. 500,000 gallons

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

- Unknown

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

- Unknown

Signature of Owner

Date December 31, 1965

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; TriPLICATE to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Dawson
Filed for record this 31st day of
December 19, 1917, at 9:45 o'clock A.M.
Hansett W. Haskell
County Clerk & Recorder
By: D. W. Dutch, Deputy

Jan. 3, 1918
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1964

Owner: Arthur W. Gehmert
Address: Box 483
Glendive, Montana

Contractor (if any): Edwin H. Holsworth
Address of Contractor: Glendive, Montana

Date Started: 1964
Date Completed: 1964

Describe means of obtaining groundwater without a well “as by sub-irrigation and other similar processes”. Include depth to water when applicable. A 12 ft. deep hole was used for fill on road.

A centrifugal pump for irrigation was used.

Without water development 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: [Signature]
Date: December 31, 1965

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

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

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

(Approved by the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appraiser.)
STATE OF MONTANA
County of Dawson
Filed for recording this 31st day of June, 1914
County Recorder
By

The pd. 20
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 297, Montana Session Laws, 1951)

1. Ervin Malarchick
   (Name of Appropriator)
   of
   (Address)
   Glendive
   (Town)
   Dawson
   County
   Montana
   State

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1969, as follows:

2. The beneficial use on which the claim is based: Water for house & irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May of 1959 and ever since

4. The amount of groundwater claimed (in miner's index or gallons per minute): about 10 gallons

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:
   Acre & Sandy well
   Ervin Malarchick

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Jet pump - 32 feet from house

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

8. The depth of water table: about 13 ft from top of pipe

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Drilled well - 4 in. casing - depth about 60 ft

10. The estimated amount of groundwater withdrawn each year: 200,000 gallons

11. The log of formations encountered in the drilling of each well if available: about 12 ft of dirt - about 20 ft of gravel & the rest hard sand

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

Signature of
Ervin Malarchick
November 27, 1963

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

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

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

County of Dawson

Filed for record this 27th day of November A.D. 1962, at

Gordon L. Russell
County Clerk and Recorder.

By:__[signature]_ Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Edward Joseph Miller
   (Name of Appropriator)
   (Address)
   (Town)
   (County)
   (State)

2. The beneficial use on which the claim is based:
   [Applicant's beneficial use description]
   (If not applicable, so state)

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 gallons per minute
   (If not applicable, so state)

5. If ownership or irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   (Acreage and description)
   (Name of owner)
   (If not applicable, so state)

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   (Means of withdrawal)
   (Location)
   (If not applicable, so state)

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

8. The depth of water table:
   (Depth)

9. So far as available, the type, size and depth of each well or the general specifications of any other works for withdrawal of groundwater:
   (Type)
   (Size)
   (Depth)
   (General specifications)

10. The estimated amount of groundwater withdrawn each year:
    (Amount)

11. The log of formations encountered in the drilling of each well if available:
    (Log)

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:
    (Information)
    (Reference)

Signature of Owner: Edward Joseph Miller
Date: November 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 Appropriator.
STATE OF MONTANA
County of Dawson

Filed for record this 15th day of New A. D. 1923, at 9:40 o'clock A.M.

Lordon W. Russell
County Clerk and Recorder.

By: Alice Quackney Deputy.

See pld. #202