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: March 1968
Owner: Marvin Flow
Address: Lavinia, 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.

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.

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

Signature of Owner:
Date: Dec 31 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
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 Appropriate:**
   - **Location:**
     - **County:**
       - **State:**
         - 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:
   - Water 2,100

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

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

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

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:
   - **Month:**
   - **Year:**

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:
   - **Depth:** 185 feet

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:** Dec. 31, 1963

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

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

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

**Owner:** Clifford Olson  
**Address:** Lomna, Mont.  
**Driller:** Donald Strand  
**Address:** Roundup, Mont.  
**Date Started:** Sept. 3, 1958  
**Date Completed:** Sept. 7, 1958

**Location:** Sec. 32 T. 6 R. 73 1/4 sec. E. 5 1/4

**Type of well:** Drilled  
**Equipment used:** Churubusco - Stor-Drill

**Water use:** Stock [x]  
**Other:**

**Casing:**
- Size: 1 1/2
- Footage: 70 ft. to 71 ft.
- Footage: 1 ft. 1 1/2 to 1 1/2 ft.
- Footage: 1 ft. 1 1/2 to 1 1/4 ft.
- Footage: 1 ft. 1 1/4 to 1 ft.
- Footage: 1 ft. 1 1/4 to 1 ft.

**Perforated or Screened:**
- Depth: 30 - 37 ft. to 40 - 41 ft.
- Depth: 40 - 41 ft. to 55 - 65 ft.

**Type of screen or perforations:**
- punched slats

**Static Water level, for non-flowing well:**
- 7 1/2 feet of water in hole

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

**Pumping water level:**
- 4 1/2 feet at 3 gal. per min.

**How tested:**
- Bailed 15 gal. water full every minute

**Length of test:**
- 2 hours

**Remarks:**
- Gravel pack around outside of casing with
  - 1" washed gravel

**How tested:**
- Gravel pack around outside of casing with
  - 1" washed gravel

**County:** Golden Valley
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<tbody>
<tr>
<td>From</td>
<td>To</td>
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<tr>
<td>0-6</td>
<td>Top soil</td>
</tr>
<tr>
<td>6-16</td>
<td>Sand, Rock</td>
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<tr>
<td>16-22</td>
<td>Soft sand</td>
</tr>
<tr>
<td>22-24</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>27-28</td>
<td>Sand, Sand</td>
</tr>
<tr>
<td>28-26</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>36-37</td>
<td>Wat., sand, - 191 per cent</td>
</tr>
<tr>
<td>39-41</td>
<td>Hard gray shale</td>
</tr>
<tr>
<td>41-42</td>
<td>Clay in the sand, - 191 per cent</td>
</tr>
<tr>
<td>42-58</td>
<td>Hard gray shale</td>
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<tr>
<td>58-62</td>
<td>Wat., 1 sand, - 15 gal. per cent</td>
</tr>
<tr>
<td>62-70</td>
<td>Soft shale</td>
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</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Clifford Olson of Lewistown, Montana
   (Name of Appropriator) (Address) (Town)

   County of Golden Valley 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........ Stockwatering - domestic

   3. Date or approximate date of earliest beneficial use; and how con- 
      tinuous the use has been........ Summer: 1912

   4. The amount of groundwater claimed (in miner's inches or gallons 
      per minute)........ #1: 15 gpm, #2: 15 gpm, #3: 3 gpm

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

   6. The means of withdrawing such water from the ground and the loca- 
      tion of each well or other means of withdrawal........ Stock Pump

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

   8. The depth of water table #2: 340 ft, #3: 125 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/2 and 2,1000 gal. a day each........ #3: 500 gal a day

   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: 12-27-53

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.

14-8-34
State of Missouri,
Cass County
Filed this 27th day of December A.D. 1962
at 3:15 o'clock P.M.

Elizabeth M. Irwin
County Recorder

Warren L. Martin
County
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Albert Olson, (Name of Approprietor)  .Lavina, (Address)  .Golden Valley, (Town)
   County of Golden Valley, 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>
<th>E</th>
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</thead>
<tbody>
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</tr>
</tbody>
</table>

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: July 24, 1957 – July 30, 1959

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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: Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 3 in. Cyl. Windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: July 24, 1957 – July 30, 1959

8. The depth of water table: 56 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: 180,000 gallon

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

   6-20 ft, shale, 20-30 ft, shale + sandstone, 38-44 ft, sandstone, 44-56 ft, sandstone + shale, 56-70 ft, shale + sandstone
   70-76 ft, sandstone

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: Albert Olson
Date: Dec 31, 1963

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

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

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

23337
<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>G.W.4</td>
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<td>Berg, Henry E.</td>
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<td>Adams, Edgar M.</td>
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<td>7</td>
<td>Haube Brothers</td>
<td>G.W.4</td>
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<td>Zilka, O.N.</td>
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<td>Haube, Christine</td>
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<td>Blair, W.R.</td>
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<td>&quot;</td>
<td>57106</td>
<td></td>
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</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS
(under Chapter 237, Montana Session Laws: 1961)

1. Name of Appropriator: Cornelius Dekok

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

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

3. Date or approximate date of earliest beneficial use and how continuous the use has been: Jan 6, 1945

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 100 acres, Sec 35N T17E R6W

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 the completion of the construction of the well, wells, or other works for withdrawal of groundwater: Aug 20, 1949

8. Depth of water table: About 50 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: Bore holes

10. The estimated amount of groundwater withdrawn each year: 600 gals/day

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference page of county records and book number: HAVING FIRST BEEN DUTY SWORN, DEPOSED

AND SAYS THAT the (is, are) of lawful age and (is, are) the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose names subscribed the ETO, as the appropriator, and claimant, at that time know the contents of said foregoing notice and that the matters and things therein stated are true.

Cornelius Dekok

Signed, sealed, and delivered in the presence of:

Notary Public for the State of Montana
Residing at: Wheatland

Commission Expires: 10/20/1969

File for record on the day of 11 19 at o'clock M., and recorded in Book Pages records of Wheatland County, Montana.

Clerk and Recorder
State of Montana.

Gallatin Valley County.

Filed this _______ 31st day of

December, A. D. 1963,
at 9:35 a.m., of said Plea.

Elizabeth M. Weir
County Recorder.

[Signature]

[Signature]
**WATER WELL LOG**

**Owner**

Henry S. Berg

**Address**

Shawmut

**Driller**

Seismograph

**Address**


**Date Started**

1951

**Date Completed**

1951

**Location:** Sec. 2 T. 5N R. 17E 1/4 sec. N 1/4

**Type of well**

Drilled

**Equipment used**

Seismograph

**Water use:**

Domestic ☐  Municipal ☐ Stock ☑ Irrigation ☑

Industrial ☐  Drainage ☐ Other ☐

**Casing:**

0 ft. to 30 ft.  Type Soil pipe  Size 6"

**Perforated or Screened:**

Pt. 0 to ft. 30. Ft. to ft.

**Type of screen or perforations**


**Static Water level, for non-flowing well:** 20 ft.

**Shut-in pressure, for flowing well:**

lb./sq. in. on: (date)

**Pumping water level:** 20 feet at 12 gal. per min.

**How tested:**

**Length of test**

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

(over)
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... MARCH 12, 1964
Owner... Edgar M. Adams Jr. Address... Shamrock, Mont.
Contractor (if any) .............. NOT APPLICABLE
Address of Contractor NOT APPLICABLE
Date Started... NOT APPLICABLE Date Completed... NOT APPLICABLE

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable... WATER FOR STOCK
WATERING UTILIZING NATURAL FLOW
OF THESE SPRINGS NO SPECIFIC
DEVELOPMENT.

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... QUANTITY
OF WATER USED DIFFICULT TO
ESTIMATE Perhaps 15,000 GALS
PER YEAR IF 100 COWS WINTER
HERE 3 MONTHS.

Signature of Owner... Edgar M. Adams Jr.
Date... March 12, 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.
State of Montana, \{SS.\}
Golden Valley County, \{SS.\}

Filed this \underline{14} \text{th} \text{ day of} \underline{March} \ A.D. 194\underline{4}.
at \underline{11}:\underline{3} \underline{3} \text{ o'clock} \text{A.M.}

Elizabeth M. Irwin
County Recorder.

\underline{Vera L. Martin}
Deputy.

for \underline{0} \underline{0} \underline{0} \underline{0}. \underline{0} \underline{0}.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Range Bros., Inc. (Name of Appropriator) of Golden (Address) (Town)
   County of Wheatland (water rights in) 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: 
   - Well domestic
   - Springs stock watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 
   - Summer 1940

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 
   - 1 well 25 gpm
   - 2 springs 35 gpm each

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

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

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

8. The depth of water table: 
   - Well about 15 feet; springs not available

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 5 inch casing

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: 
    - Not available

Signature of Owner:      
Partner:      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 Michigan.
Greatest Valley County.
Filed this ___ day of ________ at ________ A.M. of the one thousand nine hundred sixty-five.

Elizabell M. Shumaker
County Recorder.
# WATER WELL LOG

**Owner:** A. H. Peters  
**Address:**  

**Driller:** Albert Heck  
**Address:** Helena  

**Date Started:** July 6  
**Date Completed:** July 12  

**Location:** Sec. 11 T. S. R. 14  

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<tr>
<th>Casing:</th>
<th>ft. to ft.</th>
<th>Type</th>
<th>Galv.</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>6 to 7</td>
<td></td>
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</tr>
</tbody>
</table>

**Type of well:** Drilled  
**Equipment used:** Cable Tool  

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

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

**Casing:**  
**Perforated or Screened:**  
**Type of screen or perforations:**  

**Static Water level, for non-flowing well:** 95 feet.  
**Shut-in pressure, for flowing well:** 95 psi/sq. in. on: (date)  
**Pumping water level:** 95 ft. at 6 gal. per min.  
**How tested:** Palen  
**Length of test:** 7 hours  
**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  

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(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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</thead>
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</tr>
</tbody>
</table>
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: March 12, 1964
Owner: Edgar M. Adams
Address: Hamilton, Mont.

Contractor (if any): Not applicable
Address of Contractor: Not applicable
Date Started: Not applicable
Date Completed: Not applicable

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

WATER FOR STOCK
WATERING UTILIZING NATURAL FLOW OF
THOSE SPRINGS. NO SPECIFIC DEVELOPMENT.

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:

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

Signature of Owner: Edgar M. Adams
Date: March 12, 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.
State of Montana, \[\text{ss}\]

Golden Valley County, \(\text{ss}\)

Filed this \(\text{11th}\) day of \(\text{March}\), A.D. 1944.

Elizabth M. Sanderly

County Recorder

[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. Edgar M. Adams, Jr., of Shawmut, Mont., have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Oct. 1949 used each summer and fall since that date

4. The amount of groundwater claimed (in inches or gallons per minute): 3 1/2 gals. per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Windmill, also completed 4 METER and 5 LITE

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

8. The depth of water table: 12' 6"

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: 160 ft. depth, 16 in. pipe, concrete wellfield, 2 1/4 cylinders, 3 stage, 2 1/2 HP motor

10. The estimated amount of groundwater withdrawn each year: 125,610 gallons

11. The log of formations encountered in the drilling of each well if available: Well was drilled by Frank Brackley of Norfolk, and a log kept

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: Edgar M. Adams, Jr.
Date: March 23, 1964

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Form No. 18  
8-60

T. 5 R. 19E
County: Golden Valley

MONTANA BUREAU OF MINES AND GEOLoGY  
Butte, Montana  

WATER WELL LOG  
STATE ENGINEER

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Henry Berg</td>
<td>Shelby, Mont</td>
<td>Joe Pirrie</td>
<td>Shelby, Mont</td>
</tr>
</tbody>
</table>

Date Started: Sept 15, 1961  
Date Completed: Sept 18, 1961

Location: Sec. 17 T. 54 R. 19E 1/4 sec. NW

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Drill (Auger, bored, or drilled)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft. to 80 ft.</td>
<td>TW</td>
<td>6.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 80</td>
<td>Ft. 100 to 120</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>P' below ground surface feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shut-in Pressure, for flowing well:</td>
<td>_______ lb./sq. in. on: _______</td>
</tr>
</tbody>
</table>

Pumping water level 84 feet at 10 gal. per min.

How tested: | 1961 |

Length of test: 10 min.

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

Gravel packing and cement  

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>clay</td>
</tr>
<tr>
<td></td>
<td>sandstone</td>
</tr>
<tr>
<td></td>
<td>bedrock</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Christina M. Haugen
   (Name of Appropriator)
   County of Golden Valley
   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:
   SE 1/4 well domestic; spring and other well stock watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   SE 1/4 well 1956; other well 1943; spring 1950; other well 1908
   use fairly continuous since first use

4. The amount of groundwater claimed (in miner's inches or gallons per minute): spring 36 gpm
   SE 1/4 well 35 gpm
   other well 10 gpm

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Sky well hand pump; other well gas engine
   windmill pump; spring natural flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   wells constructed immediately prior to first use

8. The depth of water table:
   SE 1/4 well about 10 feet; other well about 20 feet; spring not available prob. near 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:
   Both wells six inch casing; SE 1/4 well about 110 feet deep and SE 1/4 well about 85 feet deep

10. The estimated amount of groundwater withdrawn each year:
    not available

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

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

Signature of Owner: Christina M. Haugen
Date: December 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
State of Nevada,
Golden Valley County, I.S.
Filed this 21st day of
December, A.D. 1943,
at 9:32 o'clock A.M.

Elizabeth M. Spurlock
County Recorder.
Form No. 18

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Henry E. Berg</td>
<td>Shonmut, Mont.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stephens</td>
<td>Expired</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1951</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec. 20 T. 5 N. R. 17 E 1/4 sec. NE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Drilled</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 feet below surface = feet.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>lb./sq. in. on:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level</th>
<th>20 feet at</th>
<th>gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Length of test:</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 min</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>packers</td>
</tr>
</tbody>
</table>

(over)
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater... Fall 1918
Owner... Christine M. Hauge
Address... Shawmut, Mont.
Contractor (if any)... None
Address of Contractor

Date Started... Date Completed...

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural flow from spring used for stock watering—use fairly continuous since first use, depending on number of stock run on the land...

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. 35 cpm — estimated by use. Use more or less year around...

Signature of Owner... Christine M. Hauge
Date... December 31, 1963

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

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

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

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

Filed this 31st day of

A.D. 1942

at 10 o'clock A.M.

Edgar J. Anderson
County Recorder.

Vince L. Martinez
Deputy.
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: MARCH 12, 1964

Owner: Baur M. Adams Jr. Address: Slaughton, Mont.

Contractor (if any): HOME

Address of Contractor: NOT APPLICABLE

Date Started: NOT APPLICABLE

Date Completed: NOT APPLICABLE

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

SPRING #1 DEVELOPED BY ROCK COVERING

AND 5 FT. OF 1/4" PIPE TO TWO 7 1/2 FT.

WATER TANKS ALSO 3000 FT. PIPELINE

TO TWO STOCK WATERING TANKS IN SECTION 15.

SPRING #2 UNDEVELOPED. SPRING #5 PIPE TO

Quantify of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, BAILER SPRING #4

estimate approximate lengths of periods of use. UNDEVELOPED

QUANTITY OF WATER USED HIGHLY VARIABLE

PERHAPS 135,000 CUBS PER YEAR

IF 100 COWS GRAZE HERE 3 MONTHS.

Signature of Owner: Alran M. Adams Jr.
Date: MARCH 12, 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.
State of Montana,  

Golden Valley County, 

Filed this 14th day of March A.D. 1964 
at 11:34 a.m., P.M. 

Elizabeth M. Trautwein 

County Recorder 

Dan L. Martin 

Deputy.
**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater</th>
<th>March 12, 1964</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Edgar M. Adams</td>
</tr>
<tr>
<td>Address</td>
<td>Shoswuti, Mont.</td>
</tr>
<tr>
<td>Contractor (if any)</td>
<td>NOT APPLICABLE</td>
</tr>
<tr>
<td>Address of Contractor</td>
<td>NOT APPLICABLE</td>
</tr>
<tr>
<td>Date Started</td>
<td>NOT APPLICABLE</td>
</tr>
<tr>
<td>Date Completed</td>
<td>NOT APPLICABLE</td>
</tr>
</tbody>
</table>

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

- **WATER FOR STOCK**
- **WATERING UTILIZING NATURAL FLOW OF SPRINGS**
- **NO SPECIFIC DEVELOPMENT**

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.

- **Q U A L I T Y OF WATER USED**
- **DIFFICULT TO ESTIMATE**
- **PERHAPS 200,000 GALS. IF 150 COWS GRAZE HERE 3 MONTHS**

Signature of Owner: Edgar M. Adams

Date: March 12, 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.
State of Montana, ss.

In the County of Golden Valley,

Filed this 26th day of April, A. D. 1944,
at 11:56 o'clock A.M.

[Signature]

Elizabeth M. Irwin

County Recorder

Vera C. Martin

Dec. 8th

for 200 S. L.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: MARCH 12, 1964
Owner: Edgar M. Adams
Address: Shawmut, Mont.
Contractor (if any): Not Applicable
Address of Contractor: Not Applicable
Date Started: Not Applicable
Date Completed: Not Applicable

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

WATER FOR STOCK WATERING UTILIZING NATURAL FLOW OF THESE SPRINGS, NO SPECIFIC DEVELOPMENT

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.

Quanitity of water used... difficult to estimate perhaps 200,000 GALS. 200 COWS GRAZE ADJOINING SECTION, AND WATER HERE PERHAPS 3 MONTHS

Signature of Owner: Edgar M. Adams
Date: March 12, 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.
State of Montana, } ss.
Golden Valley County, } 

Filed this ______ day of
_______ A.D. 1964
at 11:30 o'clock A.M.

Elizabeth M. Isenberg
County Recorder.

Anna L. Martin

Sub. 200 cal
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

EDGAR M. A. DAMS JR., of SHAMMUT, MONT.

County of GOLDEN VALLEY 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 WATER.

3. Dates or approximate dates of earliest beneficial use; and how continuous the use has been: NOV. 1961 - USED YEAR-ROUND, NOV. 1961 - USED EAC.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 6 GALS. PER MINUTE.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: NO T. S. or IRRIGATION.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: TUNNEL AND WATER SWEEP OUT AT S. ISWITE.

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

8. The depth of water table: 3 FT.

9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater: DUG WELL 14 FT. DEEP SEITEL, LINER 4 FT. DEEP, 4" COMPOSITION PIPE, BOTTOMED IN GRAVEL.

10. The estimated amount of groundwater withdrawn each year: 100,000 GALLONS.

11. The log of formations encountered in the drilling of each well if available: NO LCE.

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

Signature of Owner: EDGAR M. A. DAMS JR.
Date: MARCH 12, 1964

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

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

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

Golden Valley County, SS.

Filed this_______day of

These_______A.D. 1964

at_______o'clock P.M.

Elizabeth M. Johnson

County Recorder, J

___ C. Masterson

Deputy.

the 200 9th
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: March 12, 1964
Owner: Edgar M. Adams, Sr.
Address: Showman, Montana
Contractor (if any): None
Address of Contractor: Not Applicable
Date Started: Not Applicable
Date Completed: Not Applicable

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable... WATER FOR STOCK WATERING
SPRING #1 - UNDEVELOPED
SPRING #2 - SHORT PIPE TO HALF BARRELS

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... USE DEPENDS
UPON OUTPUT OF THESE 2 SPRINGS. HIGHLY VARIABLE. SOME YEARS ALMOST
ALL OTHER YEARS PERHAPS 50,000
GAL. A WELL NEAR SPRING #1 IS MAJOR SOURCE OF WATER

Signature of Owner: Edgar M. Adams, Sr.
Date: March 12, 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.
State of Montana,
Golden Valley County, SS.
Filed this ______ day of
Dee (M. A. D. 196[] at 11:55 o'clock A. M.
Elizabeth M. Luedtke
County Recorder.
Mary C. Minter
Dputy.
Sec. 20, Pd.
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: MARCH 12, 1964
Owner: Edgar M. Adams
Address: Hamilton, Mont.
Contractor (if any): None
Address of Contractor: Same as above
Date Started: NOT APPLICABLE
Date Completed: NOT APPLICABLE

Describe means of obtaining groundwater without a well "as by sub-artesian and other natural processes". Include depth to water which is AQUICELLAR FOR LIVESTOCK UTILIZATION. 
GROUNDWATER UTILIZED AS NATURAL FLOW OF THESE STRINGS WITHOUT SPECIFIC DEVELOPMENT.

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

QUANTITY OF WATER USED
DIFFICULT TO ESTIMATE

13,500 GALLONS PER YEAR IF 100 COWS GRAZE HERE 3 MONTHS

Signature of Owner: Edgar M. Adams
Date: March 12, 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.
State of Montana,

Gold Valley County,

Filed this ______ day of ______, A. D. 1964,
at ______ o'clock A.M.

Elizabeth M. [Last Name]
County Recorder.

[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. M. H. Shepherd
(Name of Appropriator)

County of Golden Valley
(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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) not known

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

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

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

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 one well drilled in 1945 the other

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 M. H. Shepherd
Date Dec. 31, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
State of Montana,
Gallatin Valley County.
Filed this 3rd day of December, 1863,
at Hillsboro, in said County.

Elizabith H. Finley
County Clerk.

[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: MARCH 12, 1964
Owner: Edgar M. Allen
Address: Show mont, Mont.
Contractor (If any): Home
Address of Contractor: Not Applicable
Date Started: Not Applicable
Date Completed: Not Applicable

Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable. WATER FOR LIVESTOCK UTILIZING NATURAL FLOW OF THESE SPRINGS WITHOUT SPECIFIC DEVELOPMENT

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.

DIFFICULT TO ESTIMATE PERHAPS 135,000 GALLONS PER YEAR IF 100 COWS GRAZE HERE 5 MONTHS

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

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

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

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

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

Golden Valley County,

Filed this 16th day of November A.D. 1944,
at 3 o'clock P.M.

Elizabeth M. Inventory
County Recorder.

Dwight C. Martin

54103
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: March 12, 1964

Owner: Edgar M. Adams
Address: Showmut, Mont.

Contractor (if any) N A M E
Address of Contractor N A P L E

Date Started: N A P L E
Date Completed: N A P L E

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. WATER FOR STOCK WASTERING
UTILIZING NATURAL FLOW OF THESE
SPRINGS WITHOUT SPECIFIC
DEVELOPMENT


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. QUANTITY OF
WATER USED DIFFICULT TO ESTIMATE

Perhaps 135,000 G A S S P E R Y E A R
100 COWS GRAZE HERE
3 MONTHS

Signature of Owner: Edgar M. Adams
Date: March 12, 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.
State of Montana, } ss.
Golden Valley County, 
Filed this 16th day of March, A.D. 1964,
at 11:42 a.m., C.M.
Elisabeth McNarney
County Recorder.

Deana L. Mason
Dcply.
WATER WELL LOG

Owner: J. P. Ellis
Driller: J. P. Ellis Drilling
Address: Big Tents Ranch

Date Started: Sept. 5, 1961
Date Completed: Sept. 9, 1961
Location: Sec. 33, T. 5, R. 17 1/4 sec.

Type of well: Drill
Equipment used: Drill tool

Water use: Stock □ Irrigation □
Industrial □ Drainage □ Other □

Casing: 0 ft. to 168 ft. Type Kga. Gph. Size 6 in. 1-0
Casing: 75 ft. to 76 ft. Type □ Size □
Casing: □ ft. to □ ft. Type □ Size □

Perforated or Screened: Ft. 70 to ft. 71. Ft. 102 to ft. 105
Type of screen or perforations: □

Static Water level, for non-flowing well: 58 ft. feet.
Shut-in pressure, for flowing well: □ lb./sq. in. on: □

Pumping water level: 130 feet at 5 gal. per min.

How tested: □
Length of test:

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>5</td>
<td>soil &amp; brown yellow sand &amp; rock</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>10</td>
<td>hard yellow sand &amp; stone</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>70</td>
<td>yellow clay &amp; broken sand &amp; stone</td>
</tr>
<tr>
<td></td>
<td>70</td>
<td>165</td>
<td>blue clay</td>
</tr>
<tr>
<td></td>
<td>165</td>
<td>168</td>
<td>grey shale</td>
</tr>
</tbody>
</table>
**MONTANA BUREAU OF MINES AND GEOLOGY**  
Butte, Montana

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Frank Sargent</td>
</tr>
<tr>
<td>Address</td>
<td>Shavurt Hill</td>
</tr>
<tr>
<td>Driller</td>
<td>Buckley</td>
</tr>
<tr>
<td>Address</td>
<td>Helena, MT</td>
</tr>
<tr>
<td>Date Started</td>
<td>1955 (1)</td>
</tr>
<tr>
<td>Date Completed</td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td>Sec 34, T 5N, R 17E, 1/4 sec 5N</td>
</tr>
</tbody>
</table>

**Type of well:** Drilled  
**Equipment used:** Chain drill, rotary, other

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Top</th>
<th>ft. to</th>
<th>40</th>
<th>ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td></td>
<td>45</td>
<td>ft. to</td>
<td>60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Type</td>
<td>Perforated</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>40</td>
<td>to</td>
<td>Ft. to</td>
<td>60</td>
<td>Ft. to</td>
<td>ft.</td>
</tr>
</tbody>
</table>

**Type of screen or perforations:**

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

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

**Pumping water level:** feet at gal. per min

**How tested:**

**Length of test:**

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

(over)
<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Address</td>
</tr>
<tr>
<td>Date Started</td>
<td>Date Completed</td>
</tr>
<tr>
<td>Location: Sec</td>
<td>T. 5 N. R. 17 E</td>
</tr>
</tbody>
</table>

**Type of Well:** Drilled  
**Equipment Used:** (Drill, auger, burlap, etc.)

**Water Use:** Stock  
**Industrial:** Other

### Casing

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Size</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Static Water Level

*For non-flowing well:*

### Shut-in Pressure

*For flowing well:*

### Pumping Water Level

*at feet (gph, gal, min)*

### How Tested

### Length of Test

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

*over*
State of Montana

Golden Valley County

Filed this 30th day of
February, A.D. 1951
at 8:49 A.M.

Albert D. Frank
County Recorder

[Signature]
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana
STATE ENGINEER

WATER WELL LOG

Owner: Frank Lang
Address: Lewistown, Mont
Driller: Buddy
Address: Hoosier, Mont

Date Started: 1/4/58
Date Completed: 1/4/58

Location: Sec 34 T. 8N R. 126 1/4 W

Type of well: Drilled
Equipment used: Churn drill

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

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to Ft. to Ft.

Static Water level, for non-flowing well:

Shut-in pressure, for flowing well:

Pumping water level:

How tested:

Length of test:

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

(over)