STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. W. C.</td>
<td>B. A.</td>
<td>C. Y.</td>
</tr>
</tbody>
</table>

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

1. The beneficial use on which the claim is based
2. Date or approximate date of earliest beneficial use, and how continuous the use has been
3. The amount of groundwater claimed (in miner's inches or gallons per minute)
4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
7. The depth of water table
8. 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: Edward S. Hays
Date: Dec 12, 1963

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

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

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

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws 1961)

1. Shell Oil Company of P. O. Box 2517 Billings
   (Name of Company) (Address) (Town)

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

   Section
   T
   R

   1/4 sec T R

   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

   3. Date of approximate date of earliest beneficial use; and by continuous the use has been April 1955

   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 it has been applied and name of 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 ground water

   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 specification 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 indicating reference to book and page of any county record

   Signature of Owner
   Date 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

A. T. Ireson

having first been duly sworn, deposes and says that he is of lawful age and is the appropriator for 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 his appropriate person and claimant, that he knows 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 L. Stag

Notary Public for the State of Montana

Feeling at Billings, Montana

My commission expires March 30 1962.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

| Owner: SHELL OIL COMPANY | Address: P.O. Box 2547, Billings, Montana |
| Driller: Livingston | Address: Vivante, Montana |
| Date Started: April 1955 | Date Completed: April 1955 |
| Location: Sec. 3b, T. 8 N., R. 59 E., 1/4 sec. Northeast |

**Type of well:** Drilled

**Equipment used:** Churn drill

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

Industrial [ ] Drainage [ ] Other: [ ]

**Casing:**
- 0 ft. to 30 ft.: Type, Size: 6"-5/8"-
- ft. to ft.: Type, Size:
- ft. to ft.: Type, Size:

**Perforated or Screened:**
- Ft. to Ft.: Type, Size:
- Ft. to Ft.: Type, Size:

**Type of screen or perforation:** None or perforated

**Static Water level, for non-flowing well:** 200 feet.

**Shut-In pressure, for flowing well:** 15 lb. sq. in. on: (date)

**Pumping water level:** 225 feet at 21 gal. per min.

**How tested:** Bailing

**Length of test:** 4 hours

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

(over)
<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>55</td>
<td>Shale</td>
</tr>
<tr>
<td>55</td>
<td>75</td>
<td>Greenish grey sticky shale</td>
</tr>
<tr>
<td>75</td>
<td>125</td>
<td>Dark grey clayey shale</td>
</tr>
<tr>
<td>125</td>
<td>145</td>
<td>Dark grey clayey shale with coal at 125 ft.</td>
</tr>
<tr>
<td>145</td>
<td>150</td>
<td>Green, grey, brown clay (lignite coal)</td>
</tr>
<tr>
<td>150</td>
<td>190</td>
<td>Grey, sticky shale</td>
</tr>
<tr>
<td>190</td>
<td>235</td>
<td>Grey, sticky shale (brown shaly lignite)</td>
</tr>
<tr>
<td>235</td>
<td>245</td>
<td>Firer shale, sandy</td>
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<tr>
<td>245</td>
<td>250</td>
<td>Sandy shale</td>
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<td>250</td>
<td>260</td>
<td>Fine sand</td>
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<tr>
<td>260</td>
<td>290</td>
<td>Fine to coarse sand</td>
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<tr>
<td>290</td>
<td>315</td>
<td>Medium coarse dark sand</td>
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<tr>
<td>315</td>
<td>375</td>
<td>Sandy clay and silty sand</td>
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<td>375</td>
<td>405</td>
<td>Muddy mushy shale</td>
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<tr>
<td>405</td>
<td>435</td>
<td>Soft light grey clayey shale</td>
</tr>
<tr>
<td>435</td>
<td>485</td>
<td>Sticky shale and shales</td>
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</table>
### WATER WELL LOG

**Owner:** Benny Sinclair  
**Address:** Baker, Montana

**Driller:** Ace HI Drilling Co.  
**Address:** Not known

**Date Started:** 5-30-75  
**Date Completed:** 6-30-75

**Location:** Sec. 23, T. 25 R. 14

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment used</td>
<td>(Churn drill, rotary, other)</td>
</tr>
</tbody>
</table>
| Water use | Domestic □  
Municipal □  
Stock ✓  
Irrigation □ |
| Industrial □  
Drainage □  
Other: |

**Casing:**
- 0 ft. to 50 ft.  
- Type: 
- Size: 

**Perforated or Screened:**
- 50 ft. to 100 ft.  
- Type: 
- Size: 

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

**Shut-in pressure, for flowing well:**  
□  
□ lb./sq. in. on: (date) 
□  
□ feet at: 
□ gal. per min. 
□ the Hour

**Pumping water level:**  
□  
□ feet at: 
□ gal. per min. 
□ the Hour

**How tested:**  
□  
□

**Length of test:**  
□  
□

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

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
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<td>Clay</td>
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<td>146</td>
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<td>Shale</td>
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<tr>
<td></td>
<td>750</td>
<td>1200</td>
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</tr>
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</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. 
(Name of Appropriator) of 
(Address) (Town) 
County of 
State of 

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

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

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

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

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

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

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

8. The depth of water table: 

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

10. The estimated amount of groundwater withdrawn each year: 

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

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

Signature of Owner: 
Date: 

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

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

Original to the County Clerk and Recorder: Duplicate to the State Engineer: Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the 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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</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. Name of Appropriator: EDMOND C. BRUGHA
   Address: Route #3, BAKER
   State: MONTANA

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

3. Date or approximate date of earliest beneficial use:
   December 15, 1957

4. The amount of groundwater claimed (in million gallons per minute):
   0.05

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:
   Irrigation

6. The manner of withdrawing such water from the ground and the location of the well or other works of withdrawal:
   Submersible pump

7. The date of commencement of construction of the well, wells, or other works for withdrawal of groundwater:
   Dec. 15, 1957

8. The depth of water table:
   205 ft

9. So far as it may be available, the type, size, and length of each well or other works for the withdrawal of groundwater:
   Sand and gravel

10. The estimated amount of groundwater withdrawn each year:
    845,000 gallons

11. The use of waters claimed in the drilling of each well:
    500 to 2,000 water and 20 to 300 sand

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:
    Reference to book and page

Signature of Owner:

Date: Dec. 30, 1963

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

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

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

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

(Name of Appropriator) (Address) (Town) County of State of Montana

1. [Appropriator's information]

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

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner [Signature]
Date [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.

[File Number]

[County]

[Verification]

[2297]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. THEODORE J. BRUHAR J. EDMONDS
(Name of Appropriator)
Route 3
(Address)
Baker
(Town)
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: Work use

3. Date or approximate date of earliest beneficial use and how continuous the use has been: Aug. 7, 1936, for at least 10 years.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gpm 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: Used on Water Garden During Any Springtime.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Submersible motor 2 ft. above.

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater: Aug. 8, 1936, completed.

8. The depth of water table: 40 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: The submersible set a 234 ft. motor, date of 60 ft. of water.

10. The estimated amount of groundwater withdrawn each year: 1,460,000 gal per year.

11. The log of formations encountered in the drilling of each well if available: Soft clay sand and gravel 100 ft. soft clay over rock.

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

Signature of Owner: Theodore J. Bruha
Date: Dec. 30, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Mike Hurley
   (Name of Appropriate)
   of Box 291
   (Address)
   of Baker,
   (Town)
   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: 
   Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 
   in 1901

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: 
   None

6. The means of withdrawing such water from the ground and the location of such well or other means of withdrawal: 
   None

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 
   Spring of 1901

8. The depth of water table: 
   312 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: 
   4" bore

10. The estimated amount of groundwater withdrawn each year: 
    I don't know

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: 

Mike Hurley
Date: Dec. 3rd 1963

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

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

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

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

1. Name of Appropriator:
   Mike Hurley
   of Box 501, Toko, Montana
   (Address) (Town)
   County of ___________ (State of Montana)

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

3. Date or approximate date of earliest beneficial use: and how
   continuous the use has been ______________ just as needed ______________

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

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

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

8. The depth of water table: ______________ 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 ______________ size ______________

10. The estimated amount of groundwater withdrawn each year:
    ______________ I don't know ______________

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

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

Signature of Owner: ____________________________
Date: ______________

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

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

Original to the County Clerk and Recorder, duplicate to the State Engineer, triplicate to the Montana Bureau of
Mines and Geology, and quadruplicate for the Appropriator.
 Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: John Smith
   Address: 123 Main St, Fallon
   Town: Fallon
   County: 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: Stock watering

3. Date or approximate date of earliest beneficial use: September 1956
   How continuous the use has been: 5 years

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 8 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:
   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:
   Pump and gasoline engine on pump for power. Well is located in Section 5, Range 6E, T. 34 N., R. 104 W., Fallon County, Montana out in pasture.

7. The date of commencement and completion of the construction of the well or other works for withdrawal of groundwater: This well was drilled in September, 1956.

8. The depth of water table: 17 feet, water then raised to within 90 feet of 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:
   Drilled well, 4 inch in diameter with steel casing, equipped with a pump powered with a gasoline engine

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

11. The log of formations encountered in the drilling of each well if available:
    Rock Formation: Sandstone, Total Depth: 204 feet

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:
    Reference to book and page: County Records, Page 123

Signature of Owner: John Smith
Date: Nov 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 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. Mike Hurley
   (Name of Appropriator) of Box 651, Baker
   (Address) (Town)
   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 this claim is based:
   Livestock watering dam

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1933 used as needed.

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 names 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 Mike Hurley
Date Dec. 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Mike Willis (Name of Applicant)
   of Box 521 (Address) Baker (Town)
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1959

4. The amount of groundwater claimed (in miner's inches or gallons per minute): pump set at (5) 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:
   None

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

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

8. The depth of water table: 140 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:
   4" bore

10. The estimated amount of groundwater withdrawn each year: Don't Know

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

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: Mike Willis
Date: Dec. 3rd 1959

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriate.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Mike Hurley  Box No. 631 Baker, Monta...

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

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner

Date

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

Original to the County Clerk and Recorder, Duplicate to the State Engineer, Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
138996
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 S. Halman
   (Name of Appropriator)
of R. R. 3
   (Address)
   Baker
   (Town)
   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: Stockwater

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

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

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

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: 180'!

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 4" casing, 1" pipe & 23" cylinders

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

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

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

Signature of Owner
Date: Dec. 13, 1963

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

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

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

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

1. John 20 Losey
   (Name of Appropriator)
   of 598 Baker
   (Address) (Town)
   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
   Stock +

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930 Continuous

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1930

8. The depth of water table 23 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 83 feet 4 in. opening

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner John 20 Losey
Dec 12 16-63

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.
Declaration of Vested Groundwater Rights

(under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

1. George S. Halmans, of Rg. 3, T. 8
   (Name of Appropriator) (Address)
   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: Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1953... 9 months per year

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gallons per minute, more or less

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 with windmill & engine

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1953

8. The depth of water table: Around 80'

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: 14" pipe & 2" cylinder

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

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

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

Signature of Owner: George S. Halmans
Date: Dec. 13, 1963

Original to the County Clerk and Recorder, Duplicate to the State Engineer, TriPLICATE to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: ......................................... Address: .....................................
Driller: ......................................... Address: .....................................
Date of Notice of appropriation of groundwater: ........................................
Date well started: ................................ Date completed: ..........................
Type of well: ..................................... Equipment used: ................................ (Dug, 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.

No. of Defects |
--- | --- | --- |
Defects | Defects | Defects |

| PERFORATIONS |
|---|---|---|
| Kind | From | To |

Static Water Level for non-flowing well: ................................ feet.
Shut-in Pressure for Flowing Well: ...................................

Pumping Water Level: ................................ feet at: ................................ gal. per minute.
Discharge in gal. per min. of flowing well: ................................ ...

How Tested: ................................ Length of Test: ................................

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

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

Show exact depth of bottom.

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

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

Driller's License Number: ..................................

Drillers Signature: .....................................
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1951)

Owner:

Driller:

Date of Notice of appropriation of groundwater:

Date well started:

Date completed:

Type of well:

Equipment used:

(Dug, drilled, bored or drilled)

(Water drill, rotary or other)

Water use:

Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □

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

<table>
<thead>
<tr>
<th>Strata Met With</th>
<th>Character</th>
<th>Thickness in Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</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 __________ gal. per minute.

Discharge in gal. per min. of flowing well

How Tested

Length of Test

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

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

(Continue on reverse side)

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

Remarks:

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.

Driller's License Number:

Driller's Signature:

47875
FALCON COUNTY
BAKER, MONTANA
Filed for Record
at 11:30 a.m.
May 1970

[Signature]
County Clerk
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) ____________________________
   (Address) _______________________________________
   (Town) ____________________________
   County of ____________________________
   State of ____________________________
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

4. The amount of groundwater claimed (in minery inches or gallons per minute) ____________________________

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

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

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

8. The depth of water table ____________________________

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

10. The estimated amount of groundwater withdrawn each year ____________________________

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

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

Signature of Owner ____________________________
Date ____________________________

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

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

Original to the County Clerk and Recorder: Duplicate to the State Engineer: Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the 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. John W. Laving, of Box 588 Baker
   County of Falls, State of Mont.
   Have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1949. Continuous to 1963

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Gas engine & pump yard

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

8. The depth of water table 60 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
   126 feet 10 in. casing

10. The estimated amount of groundwater withdrawn each year
    1000 gal.

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 John W. Laving
Dec. 12 - 16 - 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 Appropriaotr.
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **George S. Halvans**
   - **of R. R. 3, Baker**
   - **(Name of Appropriator)**
   - **(Address)**
   - **(Town)**

   County of **Fallon**
   - **State of Montana**

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

<table>
<thead>
<tr>
<th>County</th>
<th>Town</th>
<th>Name</th>
<th>Address</th>
<th>Town</th>
<th>Date or Approximate Date of Earliest Beneficial Use</th>
<th>Description of Use</th>
<th>How Continuous Use Has Been Maintained</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fallon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1935</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based: **household & livestock**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **1935 ever since**

4. The amount of groundwater claimed: **8 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 each water from the ground and the location of each well or other means of withdrawal: **Pump & Windmill & Electric Motor**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1935**

8. The depth of water table: **120 ft**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: **4" casing, 1½" pump pipe & 2½" cylinder**

10. The estimated amount of groundwater withdrawn each year: **unknown**

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

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

---

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.
139023
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. George S. Halmans, of R. R. 1, Baker
   (Name of Appropriator) (Address) (Town)
   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:
   Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1920 to 8 months per year

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 40 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:
   None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1920

8. The depth of water table: Wall is 42 ft. deep

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: Wall is 42 ft. deep

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

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:
   None

Signature of Owner: ________________________________
Date: Dec. 13, 1963

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

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

Original to the County Clerk and Recorder: Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

Owner: George Halvorsen
Address: 1755 Center St., Butte, MT

Date well started: April 1, 1971
Date well completed: April 6, 1971

Type of well: Bored
Equipment used: Boring Machine

Water Use: Domestic

Indicate type of formation:
- Sand
- Clay Sand
- Brown Clay
- Bluestone

Estimated Annual Withdrawal: 100,000 gal./y

Static water level: 63.4 ft.
Pumping water level: 66.4 ft.

Well developed by Dewatering for 7 hours.

Power: Pump
Remarks: Gravel packing, cementing, packers, type of shutoff

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

Driller's Signature: [Signature]
Driller's Address: Box 127, Butte, MT

License No.: 26

County: Fallon

Show exact depth of bottom
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Jose M. Madler of R. R. 3 Baker
County of Fallon State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows.

1. The beneficial use on which the claim is based: household and stock watering use.

2. Date or approximate date of earliest beneficial use and how continuous the use has been: 1938-continuously.

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

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

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

6. The estimated amount of groundwater withdrawn each year: undetermined.

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: 30' to 100'.

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: undetermined.

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: Jose M. Madler
Date: Dec. 6, 1963

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

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

1. Herbert O. Donnell, of Baker, Montana

County of Fillon

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 and Stock.

3. Date or approximate date of earliest beneficial use: 1918

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 6 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: 1918

8. The depth of water table: 50 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:

10. The estimated amount of groundwater withdrawn each year: 657,000

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: None

Signature of Owner: Herbert O. Donnell
Date: Dec 30, 1963

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

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

Originated to the County Clerk and Recorder. Duplicate to the State Engineer. Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropiater.
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Gas. Graford</td>
</tr>
<tr>
<td>Address</td>
<td>Baker, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>Clarence L. Askins</td>
</tr>
<tr>
<td>Address</td>
<td>Baker, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>June 5th, 1959</td>
</tr>
<tr>
<td>Date Completed</td>
<td>June 15th, 1959</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 26, T. 8, R. 60, 1/4 sec, NE4</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Jet</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic, Stock, Irrigation</td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft to 240 ft, Type: Iron, Size: 4 inch</td>
</tr>
<tr>
<td>Casing:</td>
<td>240 ft to 191 ft, Type: Iron, Size: 4 inch</td>
</tr>
<tr>
<td>Casing:</td>
<td>191 ft to 230 ft, Type: Iron, Size: 4 inch</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>240 ft to 191 ft, Perforations</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well</td>
<td>150 feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well</td>
<td>150 lb/sq.in. on: (date)</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>120 feet at 6 gal/min. 6 gal.</td>
</tr>
<tr>
<td>How tested</td>
<td>Bailed</td>
</tr>
<tr>
<td>Remarks</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>13</td>
</tr>
<tr>
<td>15</td>
<td>14</td>
</tr>
<tr>
<td>14 1/2</td>
<td>180</td>
</tr>
<tr>
<td>180</td>
<td>185</td>
</tr>
<tr>
<td>185</td>
<td>231</td>
</tr>
<tr>
<td>231</td>
<td>240</td>
</tr>
</tbody>
</table>
### WATER WELL LOG

**Owner:** John W. Losing  
**Address:** Baker, Mont

**Driller:** C. W. Askin  
**Address:** Baker, Mont

**Date Started:** April 28, 1958  
**Date Completed:** May 1, 1958

**Location:** Sec. 26, T. 8, R. 66, 1/4 sec. S. W. 1/4

**Type of well:** (Driven, bored, or drilled)  
**Equipment used:** Rotary

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

**Casing:** 63 ft. to 6 ft.  
Type: 6 in. x 11 ft. x 6 in.  
Size: 6 in. x 11 ft. x 6 in.

**Casing:** 6 ft. to 6 ft.  
Type: 6 in. x 11 ft. x 6 in.

**Perforated or Screened:** 6 ft. to 2 ft.

**Type of screen or perforations:**  
**Static Water level, for non-flowing well:** 60 feet.

**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)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0.0</td>
<td>top Soil</td>
</tr>
<tr>
<td>1.0</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>17.0</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>20.0</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>20.0</td>
<td>Rock</td>
</tr>
<tr>
<td>94.0</td>
<td>Sand</td>
</tr>
<tr>
<td>100.0</td>
<td>Rock</td>
</tr>
<tr>
<td>100.0</td>
<td>Rock</td>
</tr>
<tr>
<td>100.0</td>
<td>Sand</td>
</tr>
<tr>
<td>148.0</td>
<td>Gravel</td>
</tr>
</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. John W. Lonning, of Box 589, Baker
   (Name of Appropriator)
   (Address)
   (Town)
   (County of Appropriation)
   (State)
   (Township)
   (Range)
   (Section)
   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 watering only

   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).

   8.97 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 used for irrigation

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

   Not available

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

   1956

   8. The depth of water table.

   8.0 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.

   Not available

   10. The estimated amount of groundwater withdrawn each year.

   Not available

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

   Not available

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

   Not available

   Signature of Owner: John W. Lonning
   Date: 12-16-63

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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Edward Kausing, a
   (Name of Appropriator)
   Baker
   (Address)
   (Town)
   County of
   State of
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1945; A.G. 3. 15 YEAR AROUND

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: NO

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pump, Jack - more

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: 76 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: No Casings 150 FT

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

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: Edward Kausing
Date: Dec 30 1963

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

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

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