Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Joseph Padden
Address: Camp Creek, S.D.
Driller: Mark R. Bundy
Address: Aug 85 Bell Farm

Date of Notice of Appropriation of Groundwater: 7-10-71

Date well started: 7-10-71
Date completed: 7-10-71

Type of Well: Drilled
Equipment used: Rotary

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

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

<table>
<thead>
<tr>
<th>Size and Depth of Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1/2</td>
<td></td>
<td>10 1/2</td>
<td>80</td>
<td>5 1/2 T cut with Torch</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 15 feet.
Shut-in Pressure for Flowing Well: 20 feet.
Pumping Water Level: 7.0 feet.
Discharge in gal. per min. of flowing well: 6.5 gal per minute.

How Tested: Pump Test
Length of Test: 1 HR

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

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, these 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: 112
Driller's Signature: Mark R. Bundy

7-10-71
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Joseph Hazel Padde, of CAMCOreek
(Owner of Appropriate)

County of CAtco 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:

<table>
<thead>
<tr>
<th>WELL NO. 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>NE-1/4 SW-1/4 Sec. 30 T. 15 N. R. 12 E.</td>
</tr>
<tr>
<td>Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.</td>
</tr>
<tr>
<td>WELL NO. 2</td>
</tr>
<tr>
<td>NW-1/4 NE-1/4 Sec. 30 T. 15 N. R. 12 E.</td>
</tr>
</tbody>
</table>

4. The amount of groundwater claimed (in miner's inches or gallons per minute): WELL NO. 1 7 GALLONS PER MIN. WELL NO. 2 7 GALLONS PER MIN.

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

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

<table>
<thead>
<tr>
<th>WELL NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>NO. 1 RUNCTAP</td>
</tr>
<tr>
<td>NO. 2 PUMPJACK</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>WELL NO. 1</th>
<th>SEP. 1945</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELL NO. 2</td>
<td>DEC. 1958</td>
</tr>
</tbody>
</table>

8. The depth of water table: WELL NO. 1 10 FT. WELL NO. 2 10 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:

<table>
<thead>
<tr>
<th>WELL NO. 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPE: DAILED SIZE: 6 IN. DEPT: 12 FT.</td>
</tr>
<tr>
<td>WELL NO. 2</td>
</tr>
<tr>
<td>TYPE: DAILED SIZE: 6 IN. DEPT: 15 FT.</td>
</tr>
</tbody>
</table>

10. The estimated amount of groundwater withdrawn each year: WELL NO. 1 100,000 GALLONS WELL NO. 2 100,000 GALLONS

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

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>---</td>
</tr>
<tr>
<td>UNKNOWN</td>
</tr>
</tbody>
</table>

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:

Joseph Hazel Paddin
Signature of Owner:
Date: Dec. 7, 1963

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

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

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

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

Edwin T. Law
(Name of Appropriator)
Montana
(Address)

County of
Butte
(Town)

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

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

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
Edwin T. Law
Date: Dec 27, 1963

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

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

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

Owner: ALBERT ROLPH Address: CAPITAL, MONT.
Driller: MERLE R. BANDY Address: BELL FOURCHES, SD

Date of Notice of appropriation of groundwater: JUNE 30, 1965
Date well started: 6-9-65 Date completed: 6-10-65

Type of well Drilled: Rotary
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' x 3' x 14'</td>
<td>4 1/2 x 1 1/2</td>
<td>11 1/2</td>
<td>5</td>
<td>Cut with Torch</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 25 feet.
Shut-In Pressure for Flowing Well: 60 feet. 
Pumping Water Level: 20 gal. per minute.
Discharge in gal. per min. of flowing well
How Tested: Pumped
Length of Test: 1 hour
Remarks: (Gravel packing, cementing, packers, type of shut-off)

X.E.NUMAS: 15 T. 45 R. 62 E
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, times copy to be retained by driller.

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

Driller's License Number

Driller's Signature
### WATER WELL LOG

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Rotary</th>
</tr>
</thead>
<tbody>
<tr>
<td>(bore, driven, cased, or drilled)</td>
<td>(drill, auger, rotary, other)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Owner: Martin Loken  
Address: Camp Crook, S.D.

Driller: D. H. Baird  
Address: Kalaska, Montana

Date Started: 8/2/61  
Date Completed: 8/4/61

Location: Sec. 18 T. 4 S. R. 62 E. 1/4 sec. NWNE

Type of well:  

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Ft. to Ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 100</td>
<td>Steel</td>
<td>4 in.</td>
<td></td>
</tr>
</tbody>
</table>

Casing: 

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

Casing: 

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. to Ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 to 100</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Type of screen or perforations: 3/8 in. holes and slots

Static water level, for non-flowing well: 70 feet.

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

Pumping water level: 65 feet at 10 gal. per min.

How tested: Bailier

Length of test: 1 hour

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

Well is 110' deep, casing was set at 100', due to hard sand

rock 10 feet thick.

(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>10</td>
</tr>
<tr>
<td>10</td>
<td>90</td>
</tr>
<tr>
<td>90</td>
<td>92</td>
</tr>
<tr>
<td>92</td>
<td>100</td>
</tr>
<tr>
<td>100</td>
<td>110</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Edwin T.椴
(Name of Appropriator)

of: 
(Capital)

Address: 
(Town)

County of: 
County Engineer

State of: 
Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1918 - yearly

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 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:
   - Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - NE. 1/4, Sec. 26, T. 51 N., R. 102 W.

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: 60 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: 36,000 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: Edwin T.椴
   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.
Filed for Record

Dec 31 1983

Jane M. Breaster
County Engineer

Fee: $2.00

110425
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

EDWIN T. JOHNSON

(Name of Appropriator)

of

(Address)

State of Montana

County of

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: Stockwater residential

2. Date or approximate date of earliest beneficial use: 1918 yearly use

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 500 gallons per minute

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

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Ground Pump and the owner of each well is Mr. John Doe

6. Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. The wells are located in the County Clerk and Recorder's office.

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

8. The depth of water table: 90 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: One well has been completed and is used for residential use. The well is located at 300 Water Street and is 100 feet deep.

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

Date: Dec 27, 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; Tripliate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

13896
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Bert K. Melum</th>
<th>Address</th>
<th>Capitol, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Henry Moore</td>
<td>Address</td>
<td>Hooodraft, Wyoming</td>
</tr>
<tr>
<td>Date Started</td>
<td>February 28, 1958</td>
<td>Date Completed</td>
<td>March 3, 1958</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 27 T. 4 S. R. 62 E. 34 sec.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Driven</th>
<th>Equipment used</th>
<th>Churn Drill</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Churn drill, rotary, other)</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
</tr>
<tr>
<td></td>
<td>Industrial</td>
<td>Drainage</td>
<td>Other:</td>
</tr>
<tr>
<td>Casing</td>
<td>1 ft. to 120 ft.</td>
<td>Type: Iron Pipe</td>
<td>Size: 6&quot;</td>
</tr>
<tr>
<td></td>
<td>ft. to ft.</td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td></td>
<td>ft. to ft.</td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>ft. to ft.</td>
<td>10'</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td>ft. holes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on: (date)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>40 feet at 2 gal. per min.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td>bailer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td>1 hour</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Gravel rock

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 40</td>
<td>Sandy</td>
</tr>
<tr>
<td>40 - 63</td>
<td>Shale</td>
</tr>
<tr>
<td>63 - 93</td>
<td>Sandy</td>
</tr>
<tr>
<td>93 - 110</td>
<td>Shale</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)

(Name of Appropriator)
(Address)
(Town)
County of Carter
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)

5. If used for irrigation, give the acreage and description of the land 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**

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

**DEVELOPED AFTER JANUARY 1, 1963**

(Under Chapter 237, Montana Session Laws, 1961)

Owner: G.A. McCuha
Address: Capital, Mont.

Driller: Earl D. Rand
Address: Bella Fourches, S.D.

Date of Notice of appropriation of groundwater: [Blank]
Date well started: 3-15-66; Date completed: 2-16-66

Type of well: Drilled
Equipment used: Rotary

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Site and Weight of Center</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 3/8</td>
<td>6,000</td>
<td>0</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td></td>
<td>19 1/6</td>
<td></td>
</tr>
</tbody>
</table>

PERFORATIONS

- Static Water Level for non-flowing well...
- Shut-in Pressure for flowing well...
- Pumping Water Level...
- Discharge in gal. per min. of flowing well...

How Tested: pumped
Length of Test: [Blank]

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

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, these 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: 112
Driller's Signature: Earl D. Rand
Date: 1/9/66
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, 1961)

Owner: A. M. MELUM Address: Great Falls, Mont.
Driller: MELVIN BAILY Address: Belle Fourchés, Mont.

Date of Notice of appropriation of groundwater: January 1, 1962
Date well started: 3-16-66 Date completed: 3-17-66

Type of well: Drilled Equipment used: Rotary
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic [ ] Municipal [ ] Stock [x] 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 of Drilled Hole</th>
<th>Type of Drilling Equipment</th>
<th>Water Use</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Domestic</td>
<td>310 ft, CUL WITH Trench</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 16 feet
 Shut-In Pressure for Flowing Well: 30 feet
Pumping Water Level: 40 feet at 30 gal. per minute.
Discharge: 10 gal. per min. of flowing well

How Tested: Pumped
Length of Test: 1 hour
Remarks: (Gravel packing, cementing, packers, type of shut-off) Gravel Pack

N. J. S. E. 34 W 5 T 6 R

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

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

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

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

Driller's License Number
Driller's Signature
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Bernard G. Metz, of  Capital
County of Carter, State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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) is _______.

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 is _______.

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

8. The depth of water table is _______.

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 is _______.

10. The estimated amount of groundwater withdrawn each year is _______.

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.

Duplicate to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate to 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>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>WILLIAMS, ROGER, HENRY J. &amp; BEN.P.</td>
<td>GW-4</td>
<td>111634</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>WILLIAMS, ROGER, HENRY J. &amp; BEN.P.</td>
<td>GW-4</td>
<td>111634</td>
<td>SAME AS SEC. 43</td>
</tr>
<tr>
<td>6</td>
<td>WILLIAMS, ROGER, HENRY J. &amp; BEN.P.</td>
<td>GW-2</td>
<td>117584</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>WILLIAMS, ROGER, HENRY J. &amp; BEN.P.</td>
<td>GW-2</td>
<td>115564</td>
<td></td>
</tr>
<tr>
<td>130</td>
<td>GOODWIN, FRANK R. &amp; VICTORIA L.</td>
<td>GW-4</td>
<td>113343</td>
<td></td>
</tr>
<tr>
<td>183</td>
<td>WILLIAMS, ROGER, HENRY J. &amp; BEN.P.</td>
<td>GW-4</td>
<td>111634</td>
<td>SAME AS SEC. 43</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

File No.
STATE WATER CONSERVATION BOARD
T.55 R.55E

State of Montana
Administrative of Groundwater Code
Office of State Engineer

Owner: ROGER, HENRY JON
Address:

Date of Notice of Appropriation of Groundwater:

Date well started:

Type of Well: Drilled

Equipment Used:

Water Use: Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □

"Note: 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.

Static Water Level for non-flowing Well: 70 feet

Shut-in Pressure for Flowing Well:

Pumping Water Level: 120 feet at 3 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Flow Test

Length of Test:

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

Driller's License Number

Driller's Signature

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

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

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

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

Owner: ROGER B. ROY  
Address: HAMMOND, MONT.  

Driller: DANDY DRILLING CO.  
Address: BROADUS, MONT.  

Date of Notice of Appropriation of Groundwater: SEP 20, 1962  
Date Well Completed: SEP 20, 1962  

Type of well: Drilled  
Equipment Used: Rotary  
(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. 

<table>
<thead>
<tr>
<th>Size of Drilled Hole (in.)</th>
<th>Size and Weight of Casing (in.)</th>
<th>Perforations</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 90 feet.  
Shut-in Pressure for Flowing Well:  

Pumping Water Level: 125 feet at 3 gal. per minute.  

Discharge in gal, per min. of flowing well:  

How Tested:  

Length of Test: 5 AR  

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

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

1. Roger, Henry J. and Ben P. Williams, of Hammond, Montana, County of Plummer, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>WELLS</th>
<th>No. 1</th>
<th>No. 2</th>
<th>No. 3</th>
<th>No. 4</th>
<th>No. 5</th>
<th>No. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec. 3</td>
<td>Sec. 6</td>
<td>Sec. 9</td>
<td>Sec. 1</td>
<td>Sec. 2</td>
<td>Sec. 3</td>
<td>Sec. 5</td>
</tr>
<tr>
<td>Basis of Beneficial Use</td>
<td>Stock Water</td>
<td>Stock Water</td>
<td>Stock Water</td>
<td>Stock Water</td>
<td>Stock Water</td>
<td>Stock Water</td>
</tr>
<tr>
<td>Date of use</td>
<td>1-1-61</td>
<td>3-17-61</td>
<td>4-1-54</td>
<td>Before 1954</td>
<td>Before 1954</td>
<td>Before 1954</td>
</tr>
<tr>
<td>How continuous</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Amount claimed</td>
<td>1 gpm</td>
<td>8 gpm</td>
<td>1 gpm</td>
<td>1 gpm</td>
<td>1 gpm</td>
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<tr>
<td>Irrigation description</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Irrigation owner</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Irrigated acreage</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Location</td>
<td>SE2 NE4-5-55</td>
<td>NW2 SE4-5-55</td>
<td>NE2 SE4-5-55</td>
<td>NE2 SE4-5-55</td>
<td>SE2 NE4-5-55</td>
<td>SE2 NE4-5-55</td>
</tr>
<tr>
<td>Withdrawal means</td>
<td>Pump</td>
<td>Pump</td>
<td>Pump</td>
<td>Pump</td>
<td>Pump</td>
<td>Pump</td>
</tr>
<tr>
<td>Completion date</td>
<td>1-1-61</td>
<td>3-17-61</td>
<td>4-1-54</td>
<td>Before 1954</td>
<td>Before 1954</td>
<td>Before 1954</td>
</tr>
<tr>
<td>Water depth table</td>
<td>12'</td>
<td>18'</td>
<td>18'</td>
<td>10'</td>
<td>10'</td>
<td>10'</td>
</tr>
<tr>
<td>Type</td>
<td>Dug</td>
<td>Dug</td>
<td>Dug</td>
<td>Dug</td>
<td>Dug</td>
<td>Dug</td>
</tr>
<tr>
<td>Size &amp; depth</td>
<td>30' = 21'</td>
<td>30' = 28'</td>
<td>30' = 33'</td>
<td>16' = 17'</td>
<td>16' = 17'</td>
<td>16' = 17'</td>
</tr>
<tr>
<td>Estimated annual</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Amount withdrawn</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Other information</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
</tbody>
</table>

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

[Signature of Owner]

Date: January 11, 1963

County of Plummer

Roger Williams

Chaplain and Recorder

Powder River County

SHERIFF

BROOME COUNTY

MONTANA
1. Frank P. Robinson and Virginia J. Robinson of Broadus, Montana, County of Powder River, State of Montana, have appropriated groundwater according to the Montana Laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>WELLS</th>
<th>No. 1</th>
<th>No. 2</th>
<th>No. 3</th>
<th>No. 4</th>
<th>No. 5</th>
<th>No. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basis of Use</td>
<td>Domestic</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Beneficial Use</td>
<td>Stock</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DATE DRILLED</td>
<td>1962</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td>How continuously used</td>
<td>Constant</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Amount Claimed</td>
<td>gal. per minute</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irrigated description</td>
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<td></td>
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<tr>
<td>Irrigated acreage</td>
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<tr>
<td>Withdrawal means</td>
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<td></td>
</tr>
<tr>
<td>Completion date</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Type (drilled or dug)</td>
<td>Drilled</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size &amp; Depth</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Estimated annual</td>
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<tr>
<td>Amount withdrawn</td>
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<td></td>
</tr>
<tr>
<td>Other information</td>
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<td></td>
</tr>
<tr>
<td>Log, if available</td>
<td>0.38</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irrigated soil</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

STATE OF MONTANA
Commissioner of Land and Survey
on the 22nd day of December, 1962, at Broadus, Montana, having first been duly sworn, deposes and says that he is of the age and is the appropriator and claimant of the order and water right mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 27th day of December, 1963, at Broadus, Montana.

[Signature]
Clerk & Recorder, County of Powder River
State of Montana
# GROUNDWATER INDEX

**Form No. 18**

**Butte, Montana**

**MONTANA BUREAU OF MINES AND GEOLOGY**

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>D. OWEN, RICHARD</strong></td>
<td>WATER WELL LOG</td>
<td>108581</td>
<td></td>
</tr>
</tbody>
</table>

**Reported by**

<table>
<thead>
<tr>
<th>T. 5 S R. 57 E</th>
</tr>
</thead>
</table>

**County** Carter

**Owner** Richard Owen

**Address** Broadwood, Montana

**Driller** John H. Smith

**Address** Sturgis, S. Dak.

**Date Started** 8/29/63

**Date Completed** 8/29/63

**Location** Sec. 26 T. 50 R. 57 E

**Type of well** Drilled

**Equipment used** (Pump, drill, bore, or drilled)

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

**Industrial [ ] Drainage [ ] Other [ ]**

**Casing**: 0 ft. to 26 ft. Type cement Size 2"

**Casing**: ft. to ft. Type Size

**Casing**: ft. to ft. Type Size

**Perforated**

**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** 16 feet at gal. per min.

**How tested**: No test

**Length of test**

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

(over)
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>OWEN, RICHARD</td>
<td>WATERWELL LOG</td>
<td>103581</td>
<td></td>
</tr>
</tbody>
</table>

### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>18</td>
</tr>
<tr>
<td>18</td>
<td>26</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>4</td>
<td>BROWNFIELD, BENJ. ELIZABETH</td>
</tr>
<tr>
<td>8</td>
<td>BROWNFIELD, BENJ. ELIZABETH</td>
</tr>
<tr>
<td>9</td>
<td>BROWNFIELD, BENJ. ELIZABETH</td>
</tr>
<tr>
<td>10</td>
<td>YATES, IVORLE</td>
</tr>
<tr>
<td>17</td>
<td>BROWNFIELD, BENJ. ELIZABETH</td>
</tr>
<tr>
<td>20</td>
<td>OWENS, RICHARD</td>
</tr>
<tr>
<td>22</td>
<td>OWENS, RICHARD</td>
</tr>
</tbody>
</table>
### WATER WELL LOG

**Owner:** Sam & Elizabeth Browfield  
**Address:** Raymond, Montana

**Driller:** Earl Draine  
**Address:** Brandon, Montana

**Date Started:** 7/23/59  
**Date Completed:** 7/24/59

**Location:** Sec. 8  
T. 5 S.  
R. 58 E.  
1/4 sec. 36 NW

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Rotary</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Churn drill, rotary, other)</td>
</tr>
</tbody>
</table>

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

**Casing:**  
- 0 ft. to 54 ft.  
- Type: Steel  
- Size: 4-inch

**Perforated or Screened:**  
- 25 ft. to 50 ft.  
- Type: Steel  
- Size: [ ]

**Type of screen or perforations:** [ ]

**Static Water level, for non-flowing well:** 30 ft.

**Shut-in pressure, for flowing well:** 30 lb./sq. in. on: (date)

**Pumping water level:** 50 ft.  
- Feet at: 6 gal. per min

**How tested:** Pumping & Balling

**Length of test:** 24 Hours

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

- [ ]
- [ ]
- [ ]
- [ ]
- [ ]

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 25</td>
</tr>
<tr>
<td>25</td>
<td>50</td>
</tr>
<tr>
<td>50</td>
<td>54</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ben &amp; Elizabeth Brownfield</td>
<td>Hamilton, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tom Davis</td>
<td>Broadus, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/21/59</td>
<td>7/21/59</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location:</th>
<th>Sec</th>
<th>T</th>
<th>R</th>
<th>E-1/4 sec</th>
<th>Sec</th>
<th>R</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>8</td>
<td>5</td>
<td>8</td>
<td>58</td>
<td>58</td>
<td>8</td>
</tr>
</tbody>
</table>

Type of well: Dry

Equipment used: Other

Type of screen or perforations

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

Casing:
- None ft. to ft.
- ft. to ft.
- ft. to ft.

Perforated or Screened:
- Ft. to ft.
- Ft. to ft.

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)

S (over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 29</td>
<td>Sandy Clay</td>
</tr>
<tr>
<td>29 - 30</td>
<td>Gravel (Dry)</td>
</tr>
<tr>
<td>30 - 35</td>
<td>Shale</td>
</tr>
</tbody>
</table>
WATER WELL LOG

Owner: Ben J. Elizabeth Brownfield
Address: Hammonds, Montana

Driller: Earl Drane
Address: Broadus, Montana

Date Started: 7/21/59
Date Completed: 7/21/59

Location: Sec. 9 T. 5 S. R. 53 E. 1/4 sec. NW[SE]

Type of well: Drilled
Equipment used: Rotary

Water use: Stock

Casing: 0 ft. to 35 ft. Type: Steel
Size: 4 inch

Perforated or Screened: Ft. 24 to Ft. 35

Type of screen or perforations: Alot

Static Water level, for non-flowing well: 25 feet

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

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

How tested: pumping & drilling

Length of test: 1 hour

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

Gravel packing

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 22 Sandy-Clay</td>
</tr>
<tr>
<td>22</td>
<td>34 Gravel</td>
</tr>
<tr>
<td>34</td>
<td>35 Shale</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. Myrtle Yates of Ekalaka
   County of Chouteau
   State of Montana

   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1952

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

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

6. The means of withdrawing such water 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: 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: Myrtle Yates
Date: Dec 26, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Approprietor.
WATER WELL LOG

Owner: Ben S. Bielath; Brownfield
Address: Hammond, Montana

Driller: Earl Dwayne
Address: Broadus, Montana

Date Started: 7/27/59
Date Completed: 7/28/59

Location: Sec. 17, T. 5 S., R. 53 E., 1/4 sec. 10

Type of well: Drilled
Equipment used: Rotary (drill, auger, or drilled)

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

Casing: 0 ft. to 35 ft. Type: Steel; Size: 6"

Perforated or Screened: 23 ft. to 35 ft.

Type of screen or perforations: Slots

Static Water level, for non-flowing well: 22 feet

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

Pumping water level: 33 feet at 10 gal. per min.

How tested: Pumping & Bailling

Length of test: 1 Hour

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

Gravel Packing

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 22</td>
</tr>
<tr>
<td>22</td>
<td>31</td>
</tr>
<tr>
<td>31</td>
<td>35</td>
</tr>
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</table>
**MONTANA BUREAU OF MINES AND GEOLOGY**
Butte, Montana

**WATER WELL LOG**

**STATE ENGINEER**

<table>
<thead>
<tr>
<th>Form No. 18</th>
<th>8-60</th>
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<table>
<thead>
<tr>
<th>Deed or Survey Number:</th>
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<table>
<thead>
<tr>
<th>Owner</th>
<th>Richard Owens</th>
</tr>
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<tbody>
<tr>
<td>Address</td>
<td>Hamilton, Montana</td>
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<table>
<thead>
<tr>
<th>Driller</th>
<th>John H. Smith</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Stevens, C. Dak.</td>
</tr>
</tbody>
</table>

- **Date Started**: 7/4/60
- **Date Completed**: 7/4/60

**Location**: Sec. 30 T. 50 R. 50 E 1 sec. 5 SW

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

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

**Casing**: 0 ft. to 20 ft. Type __________ Size __________
- 20 ft. to 30 ft. Type __________ Size __________
- 30 ft. to __________ ft. Type __________ Size __________

**Perforated**

<table>
<thead>
<tr>
<th>Ft. to ft.</th>
<th>Ft. to ft.</th>
<th>Ft. to ft.</th>
</tr>
</thead>
</table>

**Type of screen or perforations**

<table>
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<th>Joint</th>
</tr>
</thead>
</table>

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

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

**Pumping water level** 20 feet at __________ gal. per min.

**How tested**: __________

**Length of test**: __________

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

<table>
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<th>Remarks</th>
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</table>

(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>0</td>
<td>1 1/2</td>
<td>Top Soil</td>
<td></td>
</tr>
<tr>
<td>1 1/2</td>
<td>10</td>
<td>Clay</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>18</td>
<td>Fine sand &amp; clay</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>20</td>
<td>Water gravel</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>30</td>
<td>Shale</td>
<td></td>
</tr>
<tr>
<td>Form No. 18</td>
<td>108550</td>
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<td></td>
</tr>
<tr>
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</tr>
<tr>
<td>8-60</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

WATER WELL LOG

Owner: Richard Coons
Address: Hamilton, Montana

Driller: John H. Smith
Address: Great Falls, Montana

Date Started: 4/5/62
Date Completed: 4/5/62

Location: Sec. 22 T. 5 S. R. 50 E. 1/4 sec. Map 3

Type of well: Drilled
Equipment used: Rotary

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

Casing: 0 ft. to 25 ft. Type: Cement
Size: 2"
Casing: Ft. to Ft. Type: Size
Casing: Ft. to Ft. Type: Size

Perforated: Ft. to Ft. Ft. to Ft.

Type of screen or perforations: Joint

Static Water level, for non-flowing well: 35 feet.
Shut-in pressure, for flowing well: lb./sq. in. on:

Pumping water level: 25 feet at gal. per min.

How tested: No test
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>Description of Material Drilled</th>
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<tbody>
<tr>
<td>0</td>
<td>Top Soil</td>
</tr>
<tr>
<td>2</td>
<td>Sand Clay</td>
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<td>11</td>
<td>Water Ground</td>
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<td>16</td>
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<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
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<td>WALKER, JAMES D.</td>
</tr>
<tr>
<td>35</td>
<td>WALKER, JAMES D.</td>
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<tr>
<td>36</td>
<td>WALKER, JAMES D.</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, 1963

STATE ENGINEER

1: James D. Walker & Eugene D. Walker, of Albion
(Name of Appropriator) (Address) (Town)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Prior to 1962.

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. not applicable.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Prior to 1962.

8. The depth of water table. natural flow.

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. surface flow.

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. not available.

James D. Walker & Eugene D. Walker
Signature of Owner

Date December 26, 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)

James D. Walker & Eugene D. Walker, of Albion
(Name of Appropriator) (Address)

County of Carter 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, watering livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Prior to 1946 and continuously since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Approximately 7 gallons per minute 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 each water from the ground and the location of each well or other means of withdrawal. No. 1 NE of 35, 700 gallon tank; No. 2 NW of 35, 300 gallon tank; No. 3 SSW of 35, 500 gallon trough; No. 4 SE of 35, 300 gallon tank. Spring box.

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. Surface flow.

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 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. Not available.

James D. Walker & Eugene D. Walker
Signature of Owner

Date December 26, 1965.

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

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

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

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

1. James D. Walker & Eugene D. Walker, Albion
   (Name of Appropriator) (Address) (Town)

   County of Carter
   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:
   watering livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Prior to 1942 and continuously since then.

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. Not applicable.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: prior to 1942.

8. The depth of water table: surface water.

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: surface water.

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: not available.

   James D. Walker & Eugene D. Walker
   Signature of Owner
   Date: Dec. 26, 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.
<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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</table>
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 Appropriorate] of [Name of Town]
County of [County] State of Montana

I 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 Appropriorate.