### Groundwater Index

<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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</table>
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Address</td>
</tr>
<tr>
<td>Date Started</td>
<td>Date Completed</td>
</tr>
<tr>
<td>Location: Sec.</td>
<td>T.</td>
</tr>
</tbody>
</table>

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

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

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

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. to</th>
<th>ft.</th>
<th>Ft. to</th>
<th>ft.</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>feet.</th>
</tr>
</thead>
</table>

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

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

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

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

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
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</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 - 10</td>
<td>sand</td>
</tr>
<tr>
<td>10 - 15</td>
<td>sand</td>
</tr>
<tr>
<td>15 - 20</td>
<td>clay</td>
</tr>
<tr>
<td>20 - 25</td>
<td>sand</td>
</tr>
<tr>
<td>25 - 30</td>
<td>sand</td>
</tr>
</tbody>
</table>

STATE OF MONTANA

George C. Johnson, Clerk and Recorder

[Signature]
Date: [Signature]
# WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
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</thead>
<tbody>
<tr>
<td>Owner</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Address</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Driller</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Address</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Date Started</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Date Completed</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. T R 1/4 sec.</td>
</tr>
<tr>
<td>Type of well</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Equipment used</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Water use</td>
<td>Stock</td>
</tr>
<tr>
<td>Industrial</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Drainage</td>
<td>[Redacted]</td>
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<tr>
<td>Other</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Casing: ft. to ft. Type Size</td>
<td>[Redacted]</td>
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<tr>
<td>Casing: ft. to ft. Type Size</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Casing: ft. to ft. Type Size</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Perforated or Screened: Ft. to Ft.</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Static Water level, ft.</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Shut-in pressure, lb./sq. in.</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Pumping water level, feet at gal. per min.</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>How tested</td>
<td>[Redacted]</td>
</tr>
<tr>
<td>Length of test</td>
<td>[Redacted]</td>
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<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
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<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
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<td>---------------------------------</td>
</tr>
<tr>
<td>Surface 100'</td>
<td>Sandy soil</td>
</tr>
<tr>
<td>100' - 200'</td>
<td>Gravelly sandstone</td>
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</tbody>
</table>

Log of Well

STATE OF MISSOURI

County Court for the County of

The undersigned, in pursuance of law, do hereby certify the foregoing

January 19, 1923

County Clerk and Recorder

[Signature]
## WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
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<tr>
<td>Driller</td>
<td>Address</td>
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</table>

**Date Started**, **Date Completed**

**Location**: Sec. **T.** R. **1/4 sec.**

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
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<tr>
<th>Water use:</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
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<tr>
<th>Casing:</th>
<th>ft. to ft.</th>
<th>Type</th>
<th>Size</th>
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<tr>
<th>Perforated or Screened:</th>
<th>Ft. to Ft.</th>
<th>Pt. to Pt.</th>
<th>Ft. to Ft.</th>
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</thead>
</table>

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

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

**Pumping water level**:

**How tested**:

**Length of test**:

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

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<table>
<thead>
<tr>
<th>Depth, feet From</th>
<th>Description of Material Drilled</th>
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## WATER WELL LOG

**Owner:** William Thomson, Inc.  
**Address:** Butte, Montana  
**Driller:** Bill Putnam  
**Address:** Butte, Montana  
**Date Started:** October 15, 1961  
**Date Completed:** November 20, 1961

<table>
<thead>
<tr>
<th>Location: Sec.</th>
<th>T.</th>
<th>R.</th>
<th>N.</th>
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</table>

**Type of well:** Drilled  
**Equipment used:** Churn drill  
**Water use:** Industrial  
**Casing:**
- **30 ft. to 80 ft.**  
- **Type:** perforated  
- **Size:**  
**Perforated or Screened:**
- **0 ft. to 80 ft.**  
- **Type:**  
- **Size:**  
**Static Water level, for non-flowing well:** 30 feet  
**Shut-in pressure, for flowing well:**  

**Pumping water level:** 30 feet at 15 gal. per min.  
**How tested:** Jacking or Gravel Pack  
**Length of test:** 4 hours  
**Remarks:** gravel packing, cementing, packers, type of shut-off, depth of shut-off

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<th>Description of Material Drilled</th>
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<tr>
<td>From</td>
<td>To</td>
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<tr>
<td>250</td>
<td>285</td>
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<tr>
<td>285</td>
<td>300</td>
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<tr>
<td>300</td>
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<td>356</td>
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<tr>
<td>370</td>
<td>385</td>
</tr>
<tr>
<td>385</td>
<td>389</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 200, Montana Session Laws, 1961)

Owner: Nathan Seibert
Address: Great Falls, Mont.

Driller: Pat Byrne
Address: Great Falls, Mont.

Date of Notice of Appropriation of Groundwater: 7-1-66
Date of Completion: 7-20-66

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

Water Use: Domestic [ ], Municipal [ ], Irrigation [ ], Industrial [ ], Drainage [ ], Stock [ ]

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Diameter x Depth</th>
<th>From Promo (Ft)</th>
<th>To Promo (Ft)</th>
<th>Kind of Water (Ft)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; x 22 ft</td>
<td>7' 17&quot;</td>
<td>0</td>
<td>38</td>
<td>Not perforated</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 35 feet
 Shut-in Pressure for Flowing Well: 105 feet
 Pumping Water Level: 105 feet at 5 gal. per minute
 Discharge in gal. per min. of flowing well: 5 gal. per minute
 How Tested: Baller
 Length of Test: 1 hour

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

"" Indicate location of well and place of use, if possible. Each small square represents 10 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.

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

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

I hereby certify that the within instrument was filed in this office on:

MAY 9, 1897

At 16:20 o'clock, A.M.

J. L. LENNON
County Clerk, 1897.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

Notice of Appropriation made by well (Under Chapter 237, Montana Session Laws, 1961)

Owner: Walter Ward  Address:  
Driller: S. W. Keffert  Address:  

Date of Notice of Appropriation of Groundwater:  May 24, 1966
Date well started:  June 2, 1966  Date Completed:  June 22, 1966

Type of well:  Drilled
Equipment:  1 inch 42 ft. churn drill

Water Use:  Domestic  Municipal  Other  Irrigation  Industrial  Drainage  Stock

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

Static Water Level for non-flowing Well: 117 feet
Shut-in Pressure for Flowing Well:
Pumping Water Level:
Discharge in gal. per min. of flowing well:
How Tested:

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

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.

Driller's License Number
Driller's Signature

Federal Levee 117 feet

Showing 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.

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

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

I hereby certify that the within instrument was filed in this office on
MAY 25, 1966
Date
at 10:20 o'clock A. M.

J. L. LENNON
County Clerk and Recorder.

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

Owner: Jop Stumpp
Address: Heart Falls, Mont.
Driller: Thomas A. Franklin
Address: Heart Falls, Mont.

Date of Notice of Appropriation of Groundwater: August 15, 1963
Date well started: August 18, 1963
Date well completed: August 25, 1963

Type of well: Drilled
Equipment Used: Cable Tools

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

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

<table>
<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>6 1/2 in. 5 in. 0.08 water well casing</td>
<td>8 lb. per ft.</td>
<td>Top</td>
<td>Bottom</td>
<td>Inches Long</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 75 feet.
Shut-in Pressure for flowing well: 
Pumping Water Level: 115 feet at 13 gal. per minute.
Discharge in gal. per min. of flowing well: 
How Tested: Bailer
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)

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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA, etc.
County of Cascade.

I, hereby certify that the within instrument was recorded in the office of
JAN 7, 1984
Recorder of Deeds and
at 12:10 PM, in the City of Great Falls.

C. Lanese
City Recorder.

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

Owner: John Schefer Jr. & Dorothy B. Schefer
Address: 202 Smith St., Great Falls, MT

Driller: Koennichenk Drilling Co.
Address: Great Falls, MT

Date of Notice of Appropriation of Groundwater: None filed

Date well started: June 1, 1962
Date completed: June 7, 1962

Type of well: Drilled
Equipment Used: Rotary Drill

Water Use: Domestic [ ] Municipal [ ] Other [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Stock [ ] Lawn & Garden [ ]

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>14&quot; (0 to 60) 8# heavy</td>
<td>0</td>
<td>59</td>
<td>Cemented in top to bottom</td>
<td></td>
</tr>
<tr>
<td>64&quot; (60 to 127) 4# 0,D.</td>
<td>0</td>
<td>127</td>
<td>1/4&quot;</td>
<td>106</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 14 feet.

Shut-in Pressure for Flowing Well: Not flowing

Pumping Water Level: 25 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well: Not flowing

How Tested: Baller
Length of Test: 5 hours

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

Water to be used for irrigating lawn and garden
also domestic household use.

Driller's License Number: 51
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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.

Date: June 7, 1962
STATE OF MONTANA, as County of Cascade,
I hereby certify that the within instrument was filed in this office at
SEP 4 - 1962
at 4:35 o'clock P.M.
J. L. LENNON
County Clerk and Recorder.

By
Deputy.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Mary S. Rice
Address: 1809-16th Ave. S
Great Falls, Mont.

Driller: Pat Byrne
Address: 2112-21st Ave. S
Great Falls, Mont.

Date of Notice of Appropriation of groundwater

Date well started

Type of well

Equipment used

(Dug, driven or bored or drilled)

[Chart 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>Depth (Feet)</th>
<th>Static Water Level for non-flowing well</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td></td>
</tr>
</tbody>
</table>

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested: Bailer

Length of Test: 1 hour

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.

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, those copies 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

Date: 7/1/7
STATE OF MONTANA, res.
County of Corvallis.

I hereby certify that the within instrument was filed in this office on
the 7th day of April, 1907.

Date

10:01 o'clock A.M.

J. L. LENNON
County Clerk and Recorder.

[Signature]
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Harry R. Rice  
Address: 1809 4th Ave. N

Driller: Pat Byrne  
Address: 2112 7th Ave. S

Date of Notice of appropriation of groundwater

Date well started: Date completed:

Type of well: Drilled  
Equipment used: Churn drill

Water use:
Domestic  
Municipal  
Stock  
Irrigation  
Industrial  
Drainage  
Other

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, 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 Pipe From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-5/8&quot;</td>
<td>6-5/8&quot;</td>
<td>0</td>
<td>64</td>
</tr>
</tbody>
</table>

NOT PERFORATED

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min.

How Tested: Bailer

Length of Test: 1 hour

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

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).

Driller's License Number

Driller's Signature

2/1/73
STATE OF MONTANA:
County of Cascade.

The foregoing is a true copy of the within instrument as found in this office on
4th day of July, 1887.

J. L. HUNTER
County Clerk and Recorder.

By
Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Owner:  S. Bol waste, Address: Carter, Mont.
Driller: Thomas J. Hanke, Address: Carter, Mont.
Date of Notice of Appropriation of Groundwater: Feb. 10, 1966
Date well started: March 25, 1966, Date completed: April 15, 1966
Type of well: Drilled. Equipment usable: Tools (Cham, drill, rotary or other)
Water Use: Domestic [ ] Municipal [ ] Other [ ] Irrigation [ ] Industrial [ ] Drainage [ ] Stock [ ]

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 water rises in the well.

<table>
<thead>
<tr>
<th>Site of Drilling 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>6 inch</td>
<td>57 ft. of 6&quot; O.D. casing</td>
<td>Top 57 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 ft. per ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 116 feet.
Shut-in Pressure for flowing well: _____________________________
Pumping Water Level: 220 feet at 12 gal. per minute.
Discharge in gal. per min. of flowing well: _____________________________
How Tested: __________ 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) _____________________________

Casing cemented on to shoot of surface water _____________________________

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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA, ex.
County of Cascade.

I hereby certify that the within instrument was filed in this office on

DEC 7, 1986

at 2:15 o'clock P.M.

J. L. LENNON
County Clerk and Recorder

By   Deputy
(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.

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

Owner: Edward H. Scoby
Address: Great Falls, Mont.

Date well started: May 26, 1973
Completed: June 6, 1973

Type of well: Drilled

Equipment used: Cable tools

Water Use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □ Garden-Lawn

*Describe: 
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location of other data (i.e., lot, block and addition). Will irrigate approx. 10 acres.

Estimated annual withdrawal: 4,000 gals per day

<table>
<thead>
<tr>
<th>Size of</th>
<th>Top of ground</th>
<th>PERФORMATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 1/2&quot;</td>
<td>6 1/2 ft.</td>
<td>6 1/2 ft.</td>
</tr>
<tr>
<td>6 1/2 B</td>
<td>4 lbs.</td>
<td>5 1/2 ft.</td>
</tr>
</tbody>
</table>

Static water level: 60 ft.
Drilling water level: 75 ft.
Pumping water level: 90 ft.
Ten gallons per minute, measured 5 minutes after pumping began.
*Measured from ground level.
Well developed by Driller.
Power: 14 HP Pump: 70 HP

Remarks: Gravel packing cementing packers: type of shutoff: None

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: Thomas B. Franklin
Driller's Address: R.R. 2, Box 561, Great Falls, Mont.

Show exact depth of bottom
STATE OF MONTANA, ex rel.

County of Cascade.

I hereby certify that the within instrument was filed in this office on

JUN 8, 1973

J. L. LENNON
County Clerk and Recorder.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERING

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

Owner: John Doe
Address: 123 Main St., Anytown, MT 59710
Driller: Jane Smith
Address: 456 Oak Ave., Anytown, MT 59710

Date of Notice of Appropriation of Groundwater: September 1, 2023
Date well started: September 1, 2023
Date completed: September 10, 2023

Type of well: Drilled (Churn, drill, rotary or drilled)
Equipment Used: Drilling Rig

Water Use: Domestic

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casings</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>2</td>
<td>1</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 50 feet
Shut-in Pressure for Flowing Well: 1000 psi
Pumping Water Level: 50 feet above static level

Discharge in gal. per min. of flowing well: 50 gal. per min.
Length of Test: 1 hour

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.)

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom

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 in the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA, ss.
County of Cascade.

I hereby certify that the within instrument was filed in this office on

MAR 24 1965

Due at 11:35 o'clock A.M.

J. L. LENNON
County Clerk and Recorder.

By Deputy.
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: Name: Address: State: Montana
Driller: Name: Address: State: Montana
Date of Notice of Appropriation of groundwater: September 17, 1966
Date well started: September 17, 1966. Date completed: September 17, 1966

Type of well: drilled
Equipment used: cable tools (Dug, driven, bored or drilled)
Churn drill, rotary or 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>Top of Ground</th>
<th>(Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-25 Clay</td>
<td></td>
</tr>
<tr>
<td>25-35 Sandstone</td>
<td></td>
</tr>
<tr>
<td>35-45 Clay</td>
<td></td>
</tr>
<tr>
<td>45-50 Sandstone</td>
<td></td>
</tr>
<tr>
<td>50-60 Red Shale</td>
<td></td>
</tr>
<tr>
<td>60-63 Hard Brown Rock</td>
<td></td>
</tr>
<tr>
<td>3-127 Gray Shale</td>
<td></td>
</tr>
<tr>
<td>127-150 Red Shale</td>
<td></td>
</tr>
<tr>
<td>150-150 Gray Shale</td>
<td></td>
</tr>
<tr>
<td>157-157 Sandstone</td>
<td></td>
</tr>
<tr>
<td>172-207 Red Shale</td>
<td></td>
</tr>
<tr>
<td>207-210 Hard Brown Rock</td>
<td></td>
</tr>
<tr>
<td>210-212 Gray Shale</td>
<td></td>
</tr>
<tr>
<td>252-266 Water Bearing</td>
<td></td>
</tr>
<tr>
<td>256-305 Red Shale</td>
<td></td>
</tr>
<tr>
<td>305-375 Gray Shale</td>
<td></td>
</tr>
<tr>
<td>375-400 Sandstone, if open</td>
<td></td>
</tr>
<tr>
<td>Water bearing</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 200 feet.
Shut-in Pressure for Flowing Well: none.
Pumping Water Level: 270 feet.
Discharge in gal. per min. of flowing well: none.

How Tested: pump.
Length of Test: 24 hours.
Remarks: (Gravel packing, cementing, packers, type of shut-off): none.

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).

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

Owner: Lewis Smith  
Address: Short Falls, Mont.
Driller: Thomas B. Harken  
Address: Short Falls, Mont.

Date of Notice of Appropriation of Groundwater: Sept. 28, 1965
Date well started: Oct. 5, 1965  
Date completed: Oct. 11, 1965

Type of well: Drilled, Driven  
Equipment Used: Cable Tools

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

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

<table>
<thead>
<tr>
<th>Drilled Hole</th>
<th>Size and Weight of Cable</th>
<th>From</th>
<th>To</th>
<th>PERFORMATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 inch</td>
<td>5/16 B.O D.</td>
<td>174 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 20 feet.

Shut-in Pressure for Flowing Well: 150 feet.

Discharge in gals. per min. of flowing well: 450 gals.

No. of Tests: 1  
Length of Test: 4 hrs.

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)

Approver: 8 ft. of gravel packing inside casing.

Driller's License Number: 84
Driller's Signature: [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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA, }\textit{em.}
County of Cascade. }\textit{em.}

I hereby certify that the within instrument was filed in this office on

JAN 1 \textsuperscript{st} 1906

Date

at \textsuperscript{10} \textsuperscript{31} o'clock \textit{A.M.}

J. L. LENNON
County Clerk and Recorder.

[Signature]

[Signature]
Declaration of Vested Groundwater Rights

(Under Chapter 273, 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 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

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, In re.
County of Craver, etc.

I hereby certify that the within instrument was filed at the office of

COUNTY CLERK
at
2:11 P.M.,

J. L. LENAGN
County Clerk and Recorder.

By
Deputy.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 7-7, Montana Session Laws, 1961, as amended)
This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state; otherwise the form may be returned.

Owner ANTHONY L. SWARTZ AND LENORA E. SWARTZ ............
Box 799
Address Route 2, South, Great Falls, Montana
Contractor (if any) Swartz Excavating
Address of Contractor Route 2 So., Box 799, Great Falls, Mt.
Date Started 6-15-72 Date Completed 6-16-72

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)
Spring development

2. Means of withdrawing water (gravity, pump, canal, etc.)
Gravity

3. Depth of water table Six feet

4. Use of the water Cabin and livestock

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons per minute

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year 20,000 gallons

8. Months of year, mg flows 12 months

Signature of Owner

Date
I, the undersigned, J. L. LENNON,
County Clerk and Receiver,
Do hereby certify that the within
information is correct as of the date
of September 6, 1973.

J. L. LENNON
County Clerk and Receiver.
Declaration of Vested Groundwater Rights

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

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

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

<table>
<thead>
<tr>
<th>N</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   Jan 1, 1942

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   May 1, 1946 to May 1, 1946

8. The depth of water table:
   200 ft

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

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

11. The log of formation, encountered in the drilling of each well is available:
    [Log]

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

Signature of Owner

Date

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

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

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

I hereby certify that the within instrument was filed in this office on

SEP 3 - [19__]

at 10:45 o'clock A.M.

J. L. LENNON
County Clerk and Recorder.

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

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; Tripletic to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA, Ex.

County of Cascade.

I hereby certify that the within instrument was filed in this office on
Dec. 30, 1963

[Signature]

J. L. LENNON

County Clerk and Recorder

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

1. (Name of Apprpropriator) 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, state, otherwise the form will be returned.

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

COUNTY OF CASSADAGA.

I, the undersigned, do hereby certify that the within instrument was filed in this office on

DEC 26 1890

at 3:45 o'clock P.M.

J. L. LENNON

County Clerk and Recorder.

By ________________________________

Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1951)

1. Name of Appropriator: [Name]
   Address: [Address]
   Town: [Town]
   County of: [County]
   State of: [State]

   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: [Beneficial Use]

   3. Date or approximate date of earliest beneficial use: [Date]
   Continuous use has been: [Continuous]

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

   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: [Acreage]

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

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

   8. The depth of water table: [Depth]

   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: [Specifications]

   10. The estimated amount of groundwater withdrawn each year: [Gallons]

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

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

   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 School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA, ex. a.
County of Cascade.
I hereby certify that the within instrument was filed in this office on MAR 13 1962
at 11:16 a.m. o'clock M.

J. L. LENNON
County Clerk and Recorder.

Deputy.
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator _____________________________________________
   (Name of Appropriate).
   (Address) ________________________________ (Town)
   County of ________________________ State of Montana ____________

2. The beneficial use to which water is to be applied is ____________________________
   (describe lands to be benefited, if for irrigation).

3. The rate of use in gallons per minute or miner's inches of groundwater claimed ______

4. The annual period (inclusive dates) of intended use ________

5. The probable or intended date of first beneficial use ________

6. The probable or intended date of commencement and completion of the well or wells
   Commencement ___________ Completion ____________

7. The location, type, size and depth of well or wells contemplated ______

8. The probable or estimated depth of the water table or artesian aquifer ______

9. Name, address and license number of the driller engaged ____________

10. Give such other similar information as may be useful in carrying out the policy of this act

   ______

---

* As defined in the Code Sec. 1: "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressure or is artificially withdrawn.

Three copies of this notice are to be filed with 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.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Donald Mulhern
Address: Helena, Mont.

Date of Notice of Appropriation of Groundwater: August 30, 1962
Date Well Started: Aug 30, 1962
Date Completed: Sept 11, 1962

Type of Well: D R i d, D r i v e n
Equipment Used: C a b l e T o o l s

Water Use: Domestic [ ] Municipal [ ] Other [ ] Irrigation [ ]

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

<table>
<thead>
<tr>
<th>Size of Drilled</th>
<th>Size and Weight of</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole (In.)</td>
<td>casing</td>
<td>Foot</td>
<td>Foot</td>
<td></td>
</tr>
<tr>
<td>5 inch</td>
<td>5/16 x 20</td>
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<td></td>
<td>14 lb.</td>
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</table>

Static Water Level for non-flowing Well: 25 feet
Shut-in Pressure for Flowing Well: 25 feet
Pumping Water Level: 35 feet at 8 gal. per minute
Discharge in gal. per min. of flowing well: 25
Length of Test: 4 days

Remarks: (Gravel packing, cementing, packing, 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).

84
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 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.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner
Address
Date well started
completed
Type of well
Equipment used
Water Use:
Industrial □ drainage □ Other □ Garden/Lawn □
*Describe USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

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

Static water level ______ ft.*
Pumping water level ______ ft.*

*Measured from ground level.

Well developed by for
Power Pump ______ HP
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
Driller's Address
LICENSE NO. ____

DRILLER'S LOG
Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

Show exact depth of stratum

Count ______
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.

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

Owner
Address
Date well started
Completed
Type of well
Equipment used

Water Use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □* Garden/Lawn □"Describe
*Describe

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

ESTIMATED ANNUAL WITHDRAWAL:

<table>
<thead>
<tr>
<th>Field No.</th>
<th>Size of Field (Acres)</th>
<th>Weight of Field (Pounds)</th>
<th>Depth (Ft)</th>
<th>Kind of Water</th>
<th>Rate (GPM)</th>
<th>Well (Ft)</th>
<th>Perforations</th>
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</tbody>
</table>

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

Driller's Signature
Driller's Address

LICENSE NO.

Show exact depth of bottom
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. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Great Falls Livestock
Address: Nokori Center
Great Falls, Montana

Date well started: Aug. 9, 1973
Completed: Aug. 17, 1973

Type of well: Drilled
Equipment used: Rotary (Con-Comp)
Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

Describe use: 27 acres covering stock yards and building...
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). Stock

ESTIMATED ANNUAL WITHDRAWAL: 1,200,000

<table>
<thead>
<tr>
<th>Depth</th>
<th>Type</th>
<th>Water Level</th>
<th>Flow</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 7/B</td>
<td>7 x 29</td>
<td>0</td>
<td>442</td>
<td>None</td>
</tr>
</tbody>
</table>

Static water level: 120 ft
Pumping water level: 400 ft
at 21 gallons per minute, measured 20 minutes after pumping began.

Well developed by air pump for 15 hours.
Power: Electric Pump
Remarks: (Gravel packing, cementing, packer, type of plug)

Cemented with 150 bags cement to bottom

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

Each small square represents 40 acres.

Driller’s Signature
Driller’s Address

LICENSE NO.

County: ____________________________

DRILLER’S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level) 3392

<table>
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<tr>
<th>From (Foot)</th>
<th>To (Foot)</th>
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</table>
STATE OF MONTANA,

County of Cascade.

I hereby certify that the within is
received this day in this office.

SEP 1, 1972

[Signature]

County Clerk and Recorder.

[Signature]

Deputy.
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: Name: Address: City, County, State:
Driller: Name: Address: City, County, State:

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

Type of well: (Dug, driven, bored or drilled) Equipment used: (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:

Static Water Level for non-flowing well: 10 feet.
Shut-in Pressure for flowing well:
Pumping Water Level: 22 feet at 20 gal. per minute.
Discharge in gal. per min. of flowing well:

How Tested: Indicate location of well and
Length of Test: one year.
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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, then one copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA, } its
County of Cascade.
I hereby certify that the within instrument was filed in this office on
AUG 19 1968
Date
at 2:00 o'clock P.M.
J. L. LENNON
County Clerk, Recorder
By: R. J. Ballon
## WATER WELL LOG

- **Owner:** [Name]
- **Address:** [Address]
- **Driller:** [Name]
- **Address:** [Address]
- **Date Started:** [Date]
- **Date Completed:** [Date]
- **Location:** Sec. [Section] T. [Township] R. [Range] ¼ sec.
- **Type of well:** [Type]
- **Equipment used:** [Type]
- **Water use:**
  - Domestic [X]
  - Municipal [ ]
  - Stock [ ]
  - Irrigation [ ]
  - Industrial [ ]
  - Drainage [ ]
  - Other [ ]
- **Casing:**
  - [Type] [Size] [Depth] [Depth]
- **Perforated or Screened:**
  - [Type] [Depth] [Depth]
  - [Type] [Depth] [Depth]
- **Static Water level, for non-flowing well:** [Feet]
- **Shut-In pressure, for flowing well:** [Lb./sq. In.] [Date]
- **Pumping water level:** [Feet] [Gallons per Min.]
- **How tested:** [Method]
- **Length of test:** [Feet]
- **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</td>
<td>To</td>
</tr>
<tr>
<td>200 ft</td>
<td>200 ft</td>
</tr>
</tbody>
</table>