<table>
<thead>
<tr>
<th>Date</th>
<th>Name</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/02/69</td>
<td>John Doe</td>
<td>Confidential information</td>
</tr>
</tbody>
</table>

**Note:** The table and some handwritten notes are present, indicating a detailed record or report.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Neil Alan Hess
Address: York, Montana

Date of Notice of Appropriation of Groundwater

Date well started: 12/10/64
Date completed: 12/13/64

Type of well drilled: churn drill
Equipment used: churn drill
(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 Bored 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></td>
<td></td>
<td>1'</td>
<td>15 lbs</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 3.5 feet
Shut-in Pressure for Flowing Well:
Pumping Water Level: 3.5 feet at 10 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)

Driller's License Number: [Signature]

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. 36167
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. R. G. Hoffeller, of 316 Oregon Street, Helena
   (Name of Appropriator) (Address)
   County of Lewis and Clark
   State of Montana

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

   2. The beneficial use on which the claim is based:
      Household and garden purposes.

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

   4. The amount of groundwater claimed:
      (in miner's inches or gallons per minute)
      100 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:
      Hedges, shrubbery, and garden.

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      Construction commenced and was completed in 1961.

   8. The depth of water table:
      30 feet.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
      6-in. 4-inch cased well.

   10. The estimated amount of groundwater withdrawn each year:
      12,000 gallons.

   11. The log of formations encountered in the drilling of each well if available:
      Surface well to 6 feet; basaltite to 9 feet; sandy clay to 40 feet.

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


Signature of Owner:
R. G. Hoffeller
November 2, 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.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: LEON KORTAS, Address: HELENA, MONT.
Driller: PRICE & LINDSAY, Address: HELENA, MONT.

Date of Notice of Appropriation of Groundwater... 
Date well started Oct 11-63, Date Completed Oct 15-63

Type of well: 
Equipment Used: 
(dug, driven, bored or 
(Chimney, drill, rotary or 
other)

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, 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...
Shut-in Pressure for flowing well...
Pumping Water Level...
Discharge in gallons per minute 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)

Driller's License Number

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.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1963
(Under Chapter 237, Montana Session Laws, 1963)

Owner: George Larson  Address: Kalana, Montana
Driller: Walter Riddock  Address: Belton, Montana

Date of Notice of Appropriation of groundwater: 5-7-63
Date well started: 5-1-63  Date completed: 5-9-63

Type of Well: Drilled  Equipment used: Diamond Drill
(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, sand, 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</th>
<th>Depth (ft)</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay and sand mixed</td>
<td>0</td>
<td>making 25 gal. per min.</td>
</tr>
<tr>
<td>Made a little water</td>
<td>23 ft.</td>
<td></td>
</tr>
</tbody>
</table>

Show exact depth of bottom. 59 ft.

Static Water Level for non-flowing well: 86 ft.
Shut-in Pressure for Flowing Well: 84 ft.
Pumping Water Level: 80 ft. at 36 gal. per minute.
Discharge in gal. per min. of flowing well: 50 gal.
How Tested: Bailey
Length of Test: 6 ft.

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

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

Show exact depth of bottom. 59 ft.

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, taken 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: 45, 264
Driller's Signature:
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. FRED A. MELICK
   (Name of Appropriator)

   CANYON FERRY
   (Address)

   Town

   County

   State

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

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

   

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1/10-59. 

   4. The amount of groundwater claimed (in inches or gallons per minute): 10 Gal. 

   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: FRED A. MELICK
   Date: 12-10-63

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

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

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

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

1. R.L. Moran

(Name of Appropriator)

Canyon Ferry

(Town)

County of Lewis & Clark

State of Montana

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

2. The beneficial use on which the claim is based. House hold use, Trees, or Farm

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

4. The amount of groundwater claimed (in inches or gallons per minute). The approximate capacity of pump in 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. My personal only

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Wall, hose, electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Jan 1, 1961

8. The depth of water table. The approximate depth is feet

9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater. This is a drilled well. 150 feet deep

10. The estimated amount of groundwater withdrawn each year. Probably 8 to 10,000 gallons

11. The log of formations encountered in the drilling of each well if available. Granite rock gravel sand

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

Signature of Owner

Date Jan 3rd 1964

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

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

36148
Notice of Completion of Groundwater Appropriaition by Means of Well DEVELOPED AFTER JANUARY 1, 1962 (Under Chapter 237, Montana Session Laws, 1961)

Owner

ROBERT A. NO
LOT 203, EAST SHORE
Address
HELENA, MONT.

Date of Notice of appropriation of groundwater.

Date well started: JUNE 23, 1962 Date completed: JULY 25, 1962

Type of well: DRILLED Equipment used: CABLE TOOL
(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.

Static Water Level for non-flowing well

50 feet

Shut-in Pressure for flowing well

No

Pumping Water Level

91 feet

at 20 gal. per minute.

Discharge in gal. per min. of flowing well

No

How Tested: BAILEY

Length of Test: 2 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff) No

(Continue on reverse side)

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

Driller's License Number

A. F. WELCH

Driller's Signature

46721
MONTANA WATER RESOURCES BOARD
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
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: T. Mark Radcliffe
Address: Canyon Ferry Route
Helena, Montana
Date well started: May 12, 1958
Type of well: Drilled
Equipment used: Churn Drill
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

 Estimate of annual withdrawal

<table>
<thead>
<tr>
<th>Top of Ground (Elev. above sea level)</th>
<th>3850</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 2</td>
<td>sand-snow-foose-sharp gravel</td>
</tr>
<tr>
<td>2 - 6</td>
<td>brown sandy bentonite</td>
</tr>
<tr>
<td>6 - 33</td>
<td>coarse sand</td>
</tr>
<tr>
<td>33 - 49</td>
<td>fine gray bentonite</td>
</tr>
<tr>
<td>49 - 62</td>
<td>brown sandy bentonite</td>
</tr>
<tr>
<td>62 - 78</td>
<td>light gray bentonite</td>
</tr>
<tr>
<td>78 - 98</td>
<td>brown fine sandy bentonite</td>
</tr>
<tr>
<td>98 - 100</td>
<td>sand coarse sand</td>
</tr>
</tbody>
</table>

Static water level: 60 ft.
Pumping water level: 65 ft.

Well developed by: Dataloader for 2 hours.
Power: 54 HP
Remarks: Gravel packing, cementing, packers, type of shutoff

License No.: 121

Driller's Signature: Robert Mace
Driller's Address: Clancy, Montana

License No.: 121

Show exact depth of bottom

49/187
Notice of Completion of Groundwater Appropriation by Means of Well

Owner: Art Beursema
Address: Box 30, Helena, Mont.

Driller: Price & Lindsey
Address: Clancy, Mont.

Date of Notice of Appropriation of Groundwater: June 14, '63
Date Well Completed: June 16, '63

Type of Well: Drilled
Equipment Used: Drill
(Deep, driven, bored or drilled)

Water Use: Domestic
Municipal
Other
Irrigation
Industrial
Drainage
Stock

Static Water Level for non-flowing well: 48 feet
Shut-in Pressure for Flowing Well
Pumping Water Level: 58 feet
Discharge in gal. per min.
How Tested: Bailer
Length of Test: 2 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)

File No.

Approved Stock Form—State Publishing Co., Helena, Montana—1951

Driller’s License Number

Driller’s Signature

This form to be prepared by driller, and three copies to be filled 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 LEWIS & CLARK

I hereby certify that the above document was filed in the Court of

ON.

BEFORE ME,

A notary public in and for the

This 29th day of August, 2007

Notary Public

COINTE, Montana

County

2007
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

File No. T 10 R 1
County Lewis and Clark

1. John J. Tomcheck (Name of Appropriator) 717 5th Ave., Helena, Montana (Address) (Town)
County of Lewis and Clark 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 and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: well has been in continuous use and is now in use since Spring of 1960

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: one well from which our water is pumped by power pump

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: First and second week of May 1960

8. The depth of the water table: 57 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: the well is fifty seven feet deep with water bearing sand and 20 feet water

10. The estimated amount of groundwater withdrawn each year: fifteen gallons per minute except during months of January, February

11. The log of formations encountered in the drilling of each well if available: the log well is hereto attached. The driller of the well was Alexander P. Toecke

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

Signature of Owner: John J. Tomcheck
Date: December 26th, 1963

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

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

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

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

This 36 day of July A.D. 1958 at 12:00 min. past

1:00 o'clock P.M. in

Records of Lewis & Clark
County, State of Montana.

SIGNED

J. L. Dorr
County Recorder

by

Myra Lee
Deputy
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: EDWARD WARD
Address: 27 HOLTER
Helena, MONTANA

Date well started: 6/15/60
Completed: 6/16/60

Type of well: DRILLED
Equipment used: ROTARY

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 or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL: 50,000 gal.

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Flow (gpm)</th>
<th>Depth (ft)</th>
<th>Flow (gpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>19.20</td>
<td>6.6</td>
<td>19.20</td>
</tr>
</tbody>
</table>

Punch Table

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

Static water level: 30 ft.
Pumping water level: 12 ft.

at 50 gallons per minute, measured 30 minutes after pumping began.

*Measured from ground level.
Well developed by
for 10 hours.
Power: 5 HP
Remarks: (Gravel packing, casing, packers, type of stop)

Driller's Signature
Driller's Address

LICENSE NO: 56.6

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

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

Declaration of Vested Groundwater Rights
(Under Chapter 287, Montana Session Laws, 1961)

1. Josephine B. Johnson, Raymond C. Johnson, of 606 W. Jackson
   (Name of Appropriator) (Address) (Town)
County of Lewis & Clark 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: Domestic and irrigation use

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 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: 1959

8. The depth of water table: 10 ft. deep 10 ft. to 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:

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

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: Josephine Johnson
Date: June 18, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropiriator.
<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Appropriator</td>
<td>Theodore Newt</td>
</tr>
<tr>
<td>Town</td>
<td>Rattlesnake</td>
</tr>
<tr>
<td>County</td>
<td>Flathead</td>
</tr>
<tr>
<td>State</td>
<td>Montana</td>
</tr>
<tr>
<td>Appropriated Groundwater</td>
<td>According to Montana laws in effect prior to January 1, 1962, as follows:</td>
</tr>
<tr>
<td>2.</td>
<td>The beneficial use on which the claim is based: Household Water</td>
</tr>
<tr>
<td>3.</td>
<td>Date or approximate date of earliest beneficial use; and how continuous the use has been: 5/6/63 - 5/30/68</td>
</tr>
<tr>
<td>4.</td>
<td>The amount of groundwater claimed (in miner's inches or gallons per minute):</td>
</tr>
<tr>
<td>5.</td>
<td>If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof:</td>
</tr>
<tr>
<td>6.</td>
<td>The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:</td>
</tr>
<tr>
<td>7.</td>
<td>The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:</td>
</tr>
<tr>
<td>8.</td>
<td>The depth of water table:</td>
</tr>
<tr>
<td>9.</td>
<td>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: 44 ft. - 10 in. pipe</td>
</tr>
<tr>
<td>10.</td>
<td>The estimated amount of groundwater withdrawn each year:</td>
</tr>
<tr>
<td>11.</td>
<td>The log of formations encountered in the drilling of each well if available:</td>
</tr>
<tr>
<td>12.</td>
<td>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:</td>
</tr>
</tbody>
</table>

Signature of Owner: Theodore Newt
Date: 5/6/68

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Nick Andersen  
Address: East Helena & Ferry Canyon

Driller: Price & Lindsay  
Address: Clancy, Montana

Date of Notice of Appropriation of Groundwater: May 63

Date well started: May 63

Date Completed: May 63

Type of Well Drilled: (dag, driven, bored or drilled)

Equipment Used: (Churn, drill, rotary or other)

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 Churn</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>17 lb</td>
<td>0</td>
<td>25 ft</td>
<td>none</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 6 feet.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 5 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Bailer

Length of Test: 2 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)

Driller's License Number: 38

Driller's Signature: Wesley Lindsay

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 Appropirator.
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: Edward Marion
Address: Campton, File 235.75
Date well started: April 11, 1970, 10:35 a.m.
Date well completed: April 13, 1970

Type of well: Gravey
Equipment used: Gravel

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

DESIGNATION OF WELL AND PLACE OF USE, IF POSSIBLE:
Each small square represents 40 acres.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE:
Driller's Signature: [signature]
Driller's Address: Helena

The estimated annual withdrawal is 60,000 gallons.

Static water level: 75 ft.
Pumping water level: 18 ft.

Well developed by: Gravel packing, cementing, packers, type of cutoff.

Power: Pump [hp] ~ 2 HP

Remarks: Gravel packing, cementing, packers, type of cutoff.

License No. 160

53.75
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
SEP 13 1971

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: John Cummings
Address: 736 N. Montana St.
Butte, Montana

Date well started: July 22, 1971
completed: July 29, 1971

Type of well: Drilled

Equipment used: auger drill

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe: 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

| Perforations | 6"  | 9 5/8" od | 2.250 | 1' ag 54' | Cutting length 47', 60' |

Static water level: 225 ft.

Pumping water level: 25 ft.

at 25 gallons per minute, measured 1 minutes after pumping began.

*Measured from ground level.

Well developed by bailer for 2 hours.

Power: Pump HP

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

well made about 2.5 pm

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

Each small square represents 40 acres.

Driller's Signature: Larry Lundwall

Driller's Address: 2004 Harvard Ave.

Butte, Montana

LICENSE NO. 8

94' Show exact depth of bottom
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTEAA 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: John Cummings
Address: 736 N. Montana St., Butte, Montana
Date well started: July 29, 1971
Date completed: July 30, 1971
Type of well: Drilled
Equipment used: Churn Drill
Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

Describe: Drilled, cased, bored or drilled.

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>Des of Ground</th>
<th>Type of Use</th>
<th>From Ground</th>
<th>To Ground</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4' 5 1/8&quot; cd</td>
<td>Bore</td>
<td>250 ft.</td>
<td>54&quot;</td>
<td>cutting 47&quot; 54&quot;</td>
</tr>
</tbody>
</table>

Static water level: 23' ft. Pumping water level: 25' ft. at 26 gpm measured minutes after pumping began.

"Measured from ground level.
Well developed by Boring for 2 hours.
Power: 150 HP
Remarks: (Gravel packing, cementing, packers, type of shut-off).

Driller's Signature: "
Driller's Address: 2804 Harvard Ave.

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

County: OCHETE. S. R. W. 10 N. R. 1 W. S. W.

RECEIVED
OCT. 7, 1971

[Diagram of well location]
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: Jim Driscoll
Address: 120 Blue Wing
Walkerville, Montana

Date well started: August 2, 1971
completed: same

Type of well: Drilled

Equipment used: Crawn Drill
(Crane, drill, level or other)

Water Use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

"Describe Lot: 53"

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 Well</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 1/4&quot; x 250</td>
</tr>
</tbody>
</table>

Static water level: 3.5 feet
Pumping water level: 3 feet
at: 1.3 gallons per minute, measured ___ minutes after pumping began.

"Measured from ground level.
Well developed by drilling for ___ hours.
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: [Signature]
Driller's Address: 200 Greenlund Ave.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1968
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Betty Lee Hoffman
Address: Helena, MT
Driller: Wesley Lindsey
Address: Clancy, MT

Date of Notice of Appropriation of groundwater: ____________
Date well started: ____________ Date completed: ____________
Type of well: ____________
Equipment used: ____________
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: ____________ feet
Shut-in Pressure for Flowing Well:
Pumping Water Level: ____________ feet
at ____________ gal. per minute.

Discharge in gal. per min. of flowing well:
How Tested:
Length of Test:
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

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: ____________

File No.: ____________

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, same copy to be retained by driller.

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

38
Wesley Lindsey
Driller’s License Number
44,569
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1988
(Chapter 237, Montana Session Laws, 1961)

OWNER:
W.J. Hegge
Address:
Helena, Montana

DRILLER:
Van Laney
Address:
Clancy, Montana

Date of Notice of appropriation of groundwater: 20 MAY 1967
Date completed: 23 JULY 1967

Type of well: Dug, driven, bored or drilled
Equipment used: [Churn drill, rotary or other]

Water use:

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 To</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

How Tested: [Dewater]
Length of Test: [16] hrs.

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

(Continue on reverse side)

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

Irrigate yard and garden

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

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

Driller's License Number:
Wesley Laney

Driller's Signature:
Wesley Laney

Drill Date: 02-10-87

38

Drill's License Number:
Wesley Laney

Driller's Signature:
Wesley Laney

42372
**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 is 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:** 

**Date well completed:** 

---

**Type of well:** 

**Equipment used:** 

---

**Water Use:**

- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other

**Other Uses:** 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:**

---

**PERFORATIONS**

---

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

- Each small square represents 40 acres.

---

**Driller's Signature:**

**Driller's Address:**

---

**LICENSE NO.:**
STATE WATER CONSERVATION BOARD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Arnie Mackey, of Basin, Montana
   (Name of Appropriator) (Address) (Town)
   County of Lewis and Clark 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... drilled in April 1965
      NOT IN USE YET

   4. The amount of groundwater claimed (in miner's inches or gallons per minute).
      20 gal. per minute at 50 ft.

   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. Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
      Lot # 44 in Section 13, East shore Canyon Ferry Reservoir, lying and situated and being in Township 10 N, R 1 E, East of Main Range, County of Lewis and Clark State of Montana works for withdrawal of groundwater.
      April 20 to April 24, 1965

   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...
      one well—75 ft. deep, 5" casing, 15 ft. casing

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

   11. The log of formations encountered in the drilling of each well if available.
      0 to 5 ft. topsoil and gravel 55 to 70 ft. silt and sand
      5 to 24 ft. hardpan 70 to 75 ft. silt
      24 to 30 ft. clay and gravel 75 to 70 ft. gravel
      36 to 55 ft. clay

   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: November 29, 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
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: J. O'Connell
Address: 710 Pleasant Ave., Helena, Montana 59601

Date well started: May 24, 1970
Completed: June 1, 1970

Type of well: Drilled
Equipment used: Churn drill

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 or other data (i.e. Lot, block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Layer</th>
<th>Depth (Ft)</th>
<th>Max Gpm</th>
<th>Rate (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6.5680</td>
<td>15.16</td>
<td>55&quot;</td>
</tr>
</tbody>
</table>

Static water level: 23 ft.
Pumping water level: 33 ft.
at 20 gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by 06:19 p.m., for 2 hours.

Power: Pump: 4 HP
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.

Driller's Signature: Robert Price
Driller's Address: Clancy, Montana

LICENSE NO. 171

46683
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

**Developed after January 1, 1963**

(Under Chapter 327 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:** James A. Connell

**Address:** 210 Madison Ave.

**Helena, Montana 59601**

**Date well started:** July 9, 1970

**Date well completed:** July 9, 1970

**Type of well:** Irrigation

**Equipment used:** Churn drill

**Water Use:** Domestic  •  Residential  •  Municipal  •  Stock  •  Irrigation

**Industrial**  •  Drainage  •  Other  •  Garden/Lawn

**Top of Ground**

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.39</td>
<td>grey clay, Tee.</td>
</tr>
<tr>
<td>2.92</td>
<td>fine sandstone</td>
</tr>
<tr>
<td>3.41</td>
<td>fine gravel</td>
</tr>
<tr>
<td>9.32</td>
<td>fine sandstone</td>
</tr>
<tr>
<td>10.32</td>
<td>fine gravel</td>
</tr>
</tbody>
</table>

---

**Static water level:** 23 ft.

**Pumping water level:** 33 ft.

**Gallons per minute:** 20

**Minutes after pumping began:**

**Measured from ground level:**

**Well developed by:** Drilling

**for:** 2 hours.

**Power:** Electric Pump  •  HP

**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.**

**Driller's Signature:** Robert Price

**Driller's Address:** 1212 Main St.

**License No.:** 121

---

**Show exact depth of bottom:** 55'
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: May 29, 1971
completed: May 31, 1971

Type of well: Drilled

Equipment used: 

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

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

Driller’s Signature: 
Driller’s Address: 

Estimate Annual Withdrawal:

Top of Ground (Feet above mean level)  

62' 27' Light bloomy basement
27' 29' Hardy basement
29' 32' Soft muddy basement
32' 35' Light bloomy basement

35' 38' Sand Water Very Clay
38' 56' Gravel, 5 feet
56' 61' Gravel, 10 feet

Static water level: 29 feet
Pumping water level: 27 feet

Power: Pump: 3 HP

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

Show exact depth of bottom

License No. 171
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide the owner's complete mailing address for the attached groundwater right appropriation.

Thank you.

Mr. M. O'Connell

1308 N. Aluminum

Butte, Mont. 59701

---

<table>
<thead>
<tr>
<th>Water Use:</th>
<th>Domestic ☐</th>
<th>Municipal ☐</th>
<th>Stock ☐</th>
<th>Irrigation ☐</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Industrial ☐</td>
<td>Drainage ☐</td>
<td>Other ☐</td>
<td>Garden/Lawn ☐</td>
</tr>
</tbody>
</table>

*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>Diameter</th>
<th>Length</th>
<th>Depth</th>
<th>Flow</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>63'2&quot;</td>
<td>61'6&quot;</td>
<td>175</td>
<td>02/28</td>
</tr>
</tbody>
</table>

**PERFORATIONS**

<table>
<thead>
<tr>
<th>Plastic casing</th>
<th>Plastic well</th>
<th>Plastic would</th>
</tr>
</thead>
<tbody>
<tr>
<td>57' 6.7&quot;</td>
<td>56' 0.7&quot;</td>
<td>56' plastic shallow</td>
</tr>
</tbody>
</table>

Static water level: 22 ft.*

Pumping water level: 13 ft.*

at: ____________gallons per minute, measured ____________minutes after pumping begun.

*Measured from ground level.

Well developed by: ____________for: ____________hours.

Power: ____________HP

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.**

Driller's Signature: __________________________

Driller's Address: ____________________________

Show exact depth of bottom: ____________
## 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.

<table>
<thead>
<tr>
<th>Owner</th>
<th>Hayna A. Olson</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>206 S. Dakota</td>
</tr>
<tr>
<td>City/County</td>
<td>Helena, Montana</td>
</tr>
<tr>
<td>Date well started</td>
<td>July 5, 1972</td>
</tr>
<tr>
<td>Completed</td>
<td>July 8, 1972</td>
</tr>
</tbody>
</table>

### Type of Well
- Drilled
  - (Dug, driven, bored or drilled)

### Equipment Used
- Chur;: (Chur, rotary or other)

### Water Use
- Domestic [x]
- Municipal [ ]
- Stock [ ]
- Irrigation [x]
- Industrial [ ]
- Drainage [ ]
- Other [ ]

### Describe
- [ ]

### USEs
- 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
- 80,000

### Top of Ground

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Top of Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Clay &amp; Topsoil</td>
</tr>
<tr>
<td>5</td>
<td>Clay &amp; Gravel</td>
</tr>
<tr>
<td>28</td>
<td>Rock, Clay</td>
</tr>
<tr>
<td>78</td>
<td>Shale &amp; Sand</td>
</tr>
<tr>
<td>88</td>
<td>Gravel</td>
</tr>
</tbody>
</table>

### Static Water Level
- 26 ft

### Pumping Water Level
- 60 ft

### Water Level Measured
- 60 gallons per minute, measured 60 minutes after pumping began.

### 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 Log

<table>
<thead>
<tr>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth (ft)</td>
</tr>
<tr>
<td>6</td>
</tr>
</tbody>
</table>

### Driller's Signature
- Wally

### Driller's Address
- 513

### License No.
- 89

---

*5/14*
**Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962**

(Under Chapter 337 Montana Session Laws, 1961, as amended)

### Owner:

**William**

**Address:**

**Driller:**

**Robert Price**

**Address:**

Date of Notice of appropriation of groundwater.

**1/2/70**

Date completed.

**1/2/70**

### Well Drilled approx.

two years prior to 1962

### Drilled approx.

two years prior to 1962

**90 - 56° gray bentonite**

**56 - 58° coarse sandy strata**

with some fine gravel

### Type of well:

**Drilled**

Equipment used:

** auger drill**

Type of 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 Pipe</th>
<th>Pressure</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 1/2&quot; 15 Lb.</td>
<td>0</td>
<td>47</td>
</tr>
<tr>
<td>6&quot;</td>
<td>5&quot; 0.0 4.5</td>
<td>58</td>
<td>58</td>
</tr>
</tbody>
</table>

**5" linear trench perforated**

### Static Water Level for non-flowing well

**27 feet**

### Shut-In Pressure for Flowing Well

**13 feet**

### Pumping Water Level

**100** gal. per minute

### Discharge in gal. per min. of flowing well

**1.2**

### How Tested

**dewater**

### Length of Test

**12 hrs**

### Remarks:

- (Gravel packing, cementing, packers, type of shutoff)

(Continue on reverse side)

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

### Driller’s Signature

**Robert Price**

**Driller’s License Number**

**1822**
**Notice of Completion of Groundwater**

**Appropriation by Means of Well**

**Developed after January 1, 1962**

(Under Chapter 287, Montana Revised Laws, 1961, as amended)

**Owner:**

**Address:**

*Drift, Montana*

**Driller:**

*Lee Lindsay*

**Address:**

*Clay, Montana*

**Date of Notice of appropriation of groundwater:**

*July 5, 1968*

**Date well started:**

*July 5, 1968*

**Date completed:**

*July 10, 1968*

**Type of well:**

*Dug, driven, bored or drilled*

**Equipment used:**

*Cham 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 Riffed Hole</th>
<th>Size and Weight of Drill</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>17 1/8</td>
<td>0</td>
<td>98</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well:**

*60 feet*

**Shut-in Pressure for Flowing Well:** *

**Pumping Water Level at 50 gal. per minute.**

**Discharge in gal. per min. of flowing well:**

*50 GPM*

**How Tested:**

*By pumping*

**Length of Test:**

*3 days*

**Remarks:**

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

**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).**

**Driller's License Number:**

*44,670*

**Driller's Signature:**

*Lee Lindsay*

---

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 LOG

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

Developed after January 1, 1962

(Under Chapter 327, 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:** John Still

**Address:** 1100 Billinge

Helena, Montana 59601

**Date well started:** August 4, 1971

**Date well completed:** August 6, 1971

**Type of well:** Drilled

**Equipment used:** Chem-Driil

**Water Use:** Municipal

**Describe:**

**USER:** 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**

| Size of Well (inches) | Size and depth of casing (feet) | Pumps and Horsepower | Filter
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Top of Grade</td>
<td>(Ex. above sea level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0'</td>
<td>12' sand, clay, &amp; metal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12'</td>
<td>30' clay, rocks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30'</td>
<td>50' clay, rocky, water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>50'</td>
<td>70' sand, gravel, sandstone</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**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.

---

**Driller's Signature:**

---

**Owner's Signature:**

---

**License No.:** 89701
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, 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 ________________
Address __________________________
Contractor (if any)____________________
Address of Contractor _______________________
Date Started __________ Data Completed __________

1. Describe means of obtaining groundwater (as by sub-irrigation, develops, springs, drains, etc.)
   Stock and or Domestic Use, and Irrigation

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

3. Depth of water table
   Surface

4. Use of the water
   Stock, Domestic, and Irrigation

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

6. If used for irrigation, give number of acres and description of land
   Acres in Sec __________
   Description

7. Estimate amount of water used each year
   __________

8. Months of year spring flows
   __________

Signature of Owner __________________________
Date __________

Contractor (if any) __________________________
Address __________________________
Date __________

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated

T __________ N __________
SW 1/4 Sec 17

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

COUNTRY

RECEIVED

JULY 27, 1971

County L-C. 1

101-10

GEO.