## GROUNDWATER INDEX

County:  

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
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<tr>
<td>3</td>
<td>Nichols Russell</td>
<td>GW3</td>
<td>129962</td>
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<tr>
<td>44</td>
<td>Nichols Ranch Crane</td>
<td>GW-H</td>
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</table>
May 31, 1972

Mr. Russell Nichols
Nashua,
Montana 59248

Dear Mr. Nichols:

The enclosed GW-3 form, Notice of Completion of Groundwater Appropriation Without Well, that you filed on March 1, 1972, at 8:05 AM (County document number 707; 139362) in the McCone County Clerk & Recorders Office at Circle, Montana is not the proper form or procedure to use for filing on surface water.

The GW-3 form is intended for appropriating groundwater taken by drains, sub-irrigation, and developed springs. This does not include surface water taken from the Missouri River by pump.

Enclosed is a form entitled Notice of Appropriation to be used for appropriating surface water, and a pamphlet on Surface Water Rights. Please note the areas indicated in red.

If we can be of further assistance, please feel free to contact us at any time.

Sincerely,

Ronald J. Gane
Groundwater Rights Coordinator
WATER RESOURCES DIVISION

Enclosures (3)
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: January 29, 1972
Owner: Russell T. Field
Address: 424 North Third Street
Contractor (if any): Allen Justice
Address of Contractor: 207 S. 3rd Street
Date Started: July 1967
Date Completed: November 1967

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

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

From April through November

Signature of Owner: Russell T. Field
Date: February 20, 1972

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

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

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

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

This instrument was filed for record on the 1st day of March, 1972 at 8:05 o'clock, A. M., and is duly recorded in Book__FILLED___, Page__. Fee: $2.00

[Signature]
County Clerk

By [Signature] Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Jack W. Nickels
   (Name of Appropriator) Nashua
   (Address) (Town)

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

2. The beneficial use on which the claim is based: Both springs for watering stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Both springs continuous use since October, 1944

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: No wells and no works for withdrawal

8. The depth of water table: Flow at surface voluntarily

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: N/A

10. The estimated amount of groundwater withdrawn each year: Total of 6,307,200 gal. per year for both wells

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: Jack W. Nickels
Dec. 26, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
DOC. NO. 127028

WATER WELL LOG FILE NO. 295

JACK W. NICKELS

TO

THE PUBLIC

OFFICE OF COUNTY CLERK & RECORDER

STATE OF MONTANA

COUNTY OF ROCHELLE

Filed this 23rd day of December 1963
A.D., at 10:55 o'clock a.m.

FEE $2.00
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<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>- H</td>
<td>127930</td>
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<td>Kindig, Roland C.</td>
<td>- H</td>
<td>127210</td>
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<td>&quot;</td>
<td>- H</td>
<td>127210</td>
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<td>&quot;</td>
<td>- H</td>
<td>127210</td>
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</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. George Barkel
   (Name of Appropriator)
   30 Route, Fort Peck
   (Address)
   State of Montana
   (Town)
   County 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
   Watering

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   July 1, 1961
   Watering

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

   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
   August 11, 1961

   8. The depth of water table
   20

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

   10. The estimated amount of groundwater withdrawn each year
   

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

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

   Signature of Owner
   [Signature]
   Date
   [Date]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
WATER WELL LOG FILE NO. 214

DOC. NO. 124971

GEORGE BARTCH

TO

THE PUBLIC

State of Montana
County of McCone

Office of Clerk and Recorder:

Filed this 24th day of November A.D. 1962 at 3:13 o'clock P.M.

By Clerk and Recorder

Fee $2.00
**Declaration of Vested Groundwater Right**

(Under Chapter 237, Montana Session Laws, 1961)

1. Jack W. Nickels  
   (Name of Appropriator)  
   of  
   Nashua  
   (Address)  
   (Town)  
   County of Valley, State of Montana  
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based. No. 1 - domestic, irrigation, watering stock; No. 2 - domestic, watering stock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. No. 1 - domestic irrigation since before 1930; No. 2 - continuous use since Oct. 1949.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) No. 1 - 8 gal. per minute; No. 2 - 50 gal. per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. No. 1 - domestic irrigation of 1/4 acre on appropriator's land in SW 1/4, Section 8, T. 26. R. 43.  
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. No. 1 - Impeller type pump - electric; No. 2 - Artesian (self-flowing).

7. The date of commencement and completion of the construction of the well, walls, or other works for withdrawal of groundwater. No. 1 - dates unknown but before 1930; No. 2 - commenced and completed in October, 1949.

8. The depth of water table. No. 1 - 26 feet down to water; No. 2 - water flows voluntarily at surface.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. No. 1 - driven wall steel pipe 1 1/2" in diameter, 30' sand point, 30' deep; No. 2 - Artesian, 2" steel casing, 803' deep.

10. The estimated amount of groundwater withdrawn each year. No. 1 - 4,730,200 gal. per year; No. 2 - 26,280,000 gal. per year, 250 gal. per hr.

11. The log of formations encountered in the drilling of each well if available. No. 1 - 25' clay, 2' sand; No. 2 - approximately 40' decomposed shale, 763' shale.

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: Jack W. Nickels  
Date: Dec. 20, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
WATER WELL LOG FILE NO. 297

JACK W. NICKELS

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF HUNTS
OFFICE OF COUNTY CLERK & RECORDER

Filed this 23rd day of December, 1963
A.D. at 11:05 o'clock a.m.

FEE $ 2.00

Clerk and Recorder
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

Robert C. Finney

(Name of Appropriator) of Fort Peck (Address) (Town)
County of Monte State of Mo.

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 or livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1954

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 2 gal. per min.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1954

8. The depth of water table: 15 ft.

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

10. The estimated amount of groundwater withdrawn each year: 30,000 gallons

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: No Record

Signature of Owner

Date: Dec. 31-63

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)

NAME OF APPROPRIATOR: Roland C. Kinnney
ADDRESS: 61635, First Park
COUNTY: Mead
STATE: Mont.

I, Roland C. Kinnney, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1938

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 13 gal. per min.

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

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

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: 60,000 gal.

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: Roland C. Kinnney
Date: Dec. 31, 1963

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.
DOC. NO. 127216

WATER WELL LOG FILE NO. 537

ROLAND C. KING

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF McCONE

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1963 A.D.
at 8:01 o'clock a.m.

[Signature]
COUNTY CLERK

FEE: $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Jack W. Nickels
   (Name of Appropriator)
   of Nashua
   (Town)
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   2. The beneficial use on which the claim is based: Sprinkle for watering stock

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

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

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

   6. The means of withdrawing such water from the ground and the location of each well or other works for withdrawal: Spring flows voluntarily at surface

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: No wells and no works for withdrawal

   8. The depth of the water table: Spring flows voluntarily at surface

   9. As 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: N/A

   10. The estimated amount of groundwater withdrawn each year: 3,153,600 gal. per year

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

   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: Jack W. Nickels
   Date: Dec. 28, 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.
DOC. NO.
WATER WELL LOG FILE NO. 296

JACK W. NICKELS

TO

THE PUBLIC
STATE OF MONTANA } SS,
COUNTY OF McCONE }
OFFICE OF COUNTY CLERK AND RECORDER
Filed this 23rd, day of December 1963,
A.D. At 11:00 o'clock a.m.

[Signature]

COUNTY CLERK AND RECORDER

FEE $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

<table>
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<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>County of</th>
<th>State of</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kerman Stapp</td>
<td>Box 329</td>
<td>Glasgow</td>
<td>Montana</td>
<td>Montana</td>
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</tbody>
</table>

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1925 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 2 G.P.M.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Developed springs as shown on plat

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1925

8. The depth of water table: ground level

9. So far as it may be available, the type, size of each well or the general specifications of any other works for the withdrawal of groundwater: Those springs have been dug out and catch basins installed

10. The estimated amount of groundwater withdrawn each year: varies year to year

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

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

Signature of Owner: Kerman Stapp
Date: Dec. 29, 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.
Doc. No. 127246

Water Well Log # 487

Kennon Stapp
To
The Public

State of Montana
County of McCone

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of December, 1963, A. D.,
at 8:30 A. M.

county Clerk

Fee: $2.00
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Jack W. Nickels
   (Name of Appropriator)
   of Nashua
   (Address)
   (Town)

   County of Valley
   State of Montana

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

   2. The beneficial use on which the claim is based: domestic and watering stock

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: continuous since before 1932

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 9 gal. per minute

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Date unknown but before 1932

   8. The depth of water table: 14 feet down 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: driven, well steel pipe 2" in diameter, 40' sandpoint, 22' deep

   10. The estimated amount of groundwater withdrawn each year: 540 gal. per hour; 4,730, 400 gal. per yr

   11. The log of formations encountered in the drilling of each well if available: 22' 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

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.

12,292
DOC. NO. 127037
WATER Well LOG FILE No. 294

JACK W. NICKELS

to

THE PUBLIC

STATE OF MONTANA, SS
COUNTY OF McCONE, SS
OFFICE OF COUNTY CLERk & RECORDER
FILED this 23rd, day of December 1963 A.D.,
At 10:50 o'clock a.m.

COUNTY CLERk

FEE $ 2.00
<table>
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<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>GW 2</td>
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<tr>
<td>18</td>
<td>Burt, L. George</td>
<td>Well Log</td>
<td>119207</td>
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<td>19</td>
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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:__________________________ Address:__________________________
Driller:__________________________ Address:__________________________
Date of Notice of Appropriation of Groundwater:__________________________
Date well started:________________ Date Completed:________________
Type of well: Drilled Equipment Used: Rotary
(dug, driven, bored or drilled)
Water Use: Domestic □ Municipal □ Stock □ Irrigation □
Industrial □ Drainage □ Other □

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

<table>
<thead>
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<th>Size of Drilled Hole</th>
<th>Rate and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
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</tbody>
</table>

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, 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 School of Mines and Quadruplicate for the Appropriator.
194134

WATERWELL # 211

APRIL 12, 1942

Office of Clerk and Recorder

City of Clark and Recorder

A.D. 1942
WATER WELL LOG

<table>
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<tr>
<th>Owner</th>
<th>George Batch</th>
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<td>Driller</td>
<td>George Batch</td>
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<td>Date Completed</td>
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<tr>
<td>Location</td>
<td>Sec 18 T 26 R 44</td>
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<tr>
<td>Type of well</td>
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<td>Type of equipment used</td>
<td>(Churn drill, rotary, etc.)</td>
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<th>Water use</th>
<th>Domestic, Stock, Irrigation</th>
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<td>Industrial</td>
<td>Drainage, Other</td>
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<table>
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<th>Casing:</th>
<th>From ft. to ft. Type Size</th>
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</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>From ft. to ft. Type Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>From ft. to ft. Type Size</td>
</tr>
</tbody>
</table>

| Perforated or Screened: From ft. to ft. Type |

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>I don't know what kind of soil this is.</td>
</tr>
</tbody>
</table>

11887 f

Office of Clerk and Recorder,

Filed: Apr 21, 1969

Check and Recorder

No Fee
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>From</td>
</tr>
<tr>
<td></td>
<td>118937</td>
</tr>
</tbody>
</table>

\[\text{Date:} \quad \text{April 11, 1959}\]

\[\text{Recorded by:} \quad \text{J. P. Jones}\]

\[\text{No Fee}\]
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>George Bartel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Fort Peck, MT</td>
</tr>
<tr>
<td>Driller</td>
<td>George Bartel</td>
</tr>
<tr>
<td>Address</td>
<td>Fort Peck, MT</td>
</tr>
<tr>
<td>Date Started</td>
<td>May 1957</td>
</tr>
<tr>
<td>Date Completed</td>
<td>May 1957</td>
</tr>
<tr>
<td>Location: Sec</td>
<td>18</td>
</tr>
<tr>
<td>T.</td>
<td>26</td>
</tr>
<tr>
<td>R.</td>
<td>44</td>
</tr>
<tr>
<td>1/4 sec.</td>
<td>NW 1/4 S. Sq.</td>
</tr>
</tbody>
</table>

**Type of well:** Driven

**Equipment used:** Hand drill

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

**Casing:**
- 30 ft. to 40 ft.
- Type: Steel
- Size: 5"

**Perforated or Screened:**
- 40 ft. to ft.
- Type: [ ]
- Size: [ ]

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

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

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

**How tested:**

**Length of test:**

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

(over)
Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

"I don't know what kinds of soil, but I'm sure there's no gravel."

118937

[Signatures and dates]

No Fee
<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>George Bartel</td>
</tr>
<tr>
<td>Date Started</td>
<td>1938</td>
</tr>
<tr>
<td>Date Completed</td>
<td>1938</td>
</tr>
<tr>
<td>Type of well</td>
<td>Driven</td>
</tr>
<tr>
<td>Equipment used</td>
<td>By hand drill</td>
</tr>
<tr>
<td>Water use</td>
<td>Irrigation</td>
</tr>
<tr>
<td>Casing: ft to ft</td>
<td>10</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>40 feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb/sq. in. on:</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>40 feet at</td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth/feet</td>
<td>Description of Material Drilled</td>
</tr>
<tr>
<td>-----------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td></td>
<td>Idon'tknowwhat</td>
</tr>
<tr>
<td></td>
<td>kinds of soil, as it is</td>
</tr>
<tr>
<td></td>
<td>Drilled</td>
</tr>
</tbody>
</table>

1920

100...

City of Monroe
County of Monroe

Office of Clerk and Recorder
Filed this 24th day of April A.D. 1959

[Signature]

Clerk and Recorder

No Tax

Done
<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>George Barlow</td>
</tr>
<tr>
<td>Date Started</td>
<td>1921</td>
</tr>
<tr>
<td>Date Completed</td>
<td>1926</td>
</tr>
<tr>
<td>Type of well</td>
<td>Water well</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Drill, rotary drill</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic, Irrigation</td>
</tr>
<tr>
<td>Casing</td>
<td>4 x 4</td>
</tr>
<tr>
<td>Casing Perforation</td>
<td></td>
</tr>
<tr>
<td>Static Water level</td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure for flowing well</td>
<td></td>
</tr>
<tr>
<td>Pumping water level</td>
<td></td>
</tr>
<tr>
<td>How tested</td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks</td>
<td>Gravel packing, cementing, packers, type of shut-off, depth of shut-off</td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td></td>
<td>I don't know what kind it is.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>118037</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Log of Well**

**Office of Clerk and Recorder**

Signed: [Signature]

Date: 21st day of April, 1859

[Seal]

[Seal]
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Slaughter, James E.</td>
<td>well dig.</td>
<td>123426</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>White, John W.</td>
<td>well dig.</td>
<td>123427</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Green, Thomas D.</td>
<td>well dig.</td>
<td>123428</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Wright, John W.</td>
<td>well dig.</td>
<td>123429</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>White, John W.</td>
<td>well dig.</td>
<td>123430</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td></td>
<td></td>
<td>123432</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Turner, Theodore D.</td>
<td>well #4</td>
<td>123435</td>
<td></td>
</tr>
</tbody>
</table>
Montana Bureau of Mines and Geology

Butte, Montana

**WATER WELL LOG**

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

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

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

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

Type of screen or perforations: None.

Static water level, for non-flowing well: 17 feet

Shut-in pressure, for flowing well: 1 lb./sq.in.

Pumping water level: 17 feet at L gal. per min.

How tested: By pump.

Length of test: Material use for the time.

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

This well is located in the town of House, 1/2 mile west of town, at a depth of 360 feet, and in village of Town, in county of County. It is completed by a 12-foot pipe.
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Mostly Sandy Sand</td>
</tr>
<tr>
<td>17</td>
<td>Sand</td>
</tr>
</tbody>
</table>

Water Well Log # 170

State of Montana
County of McCone
Office of Clerk and Recorder

Filed this 29th, day of December, A.D. 1961
at 3:00

[Signature]

By

Deputy
<table>
<thead>
<tr>
<th>Owner</th>
<th>George A. Stagg, 3122 Broadway, Butte, Mont.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>The Owner</td>
</tr>
<tr>
<td>Date Started</td>
<td>1940</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 10, T. 26, R. 45, W. 1/2, S. 1/2</td>
</tr>
</tbody>
</table>

Type of Well: Dug, driven, bored, or drilled  
Equipment Used: Churn drill, rotary, other

<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>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Depth to ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>30 to 50 ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

Type of Screen or Perforations: Screen
Static Water Level, for non-flowing well: 7 feet
Shut-in Pressure, for flowing well: 17 lb./sq.in.; 17
Pumping Water Level: 17 ft. at 5 gal. per min.  (date)
How Tested: By pumping
Length of Test: Continuous
Remarks: Gravel packing, cementing, packers, type of shut-off, depth of shut-off
Pit 8 ft. down to 2 feet.  

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-17</td>
<td>Mostly Sandy Loam</td>
</tr>
<tr>
<td>17</td>
<td>20' Water Well</td>
</tr>
</tbody>
</table>

123427

Water Well Log # 171
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: John E. White
Address: Golf Point, Montana

Driller: Daniel G. Haggerty
Address: Linsen, Montana

Date of Notice of Appropriation of Groundwater:

Date well started: Sept. 19, 1963
Date Completed: Sept. 21, 1963

Type of Well: Drilled
Equipment: Cable tool drill

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 (Feet)</th>
<th>Size and Weight of Casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot;</td>
<td>0</td>
<td>63</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 40 feet.

Shut-in Pressure for Flowing well: not applicable.

Pumping Water Level: 27 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well: not applicable.

How Tested: Bailed

Length of Test: 2 hours.

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)

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 Appropriate.
JOHN W. WHITE

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF MCDOUGAL
OFFICE OF COUNTY CLERK & RECORDER

Filed this 6th day of January, 1964, A.D.
at 9:30 o'clock a.m.

[Signature]
COUNTY CLERK

FEE: $2.75
<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
<th>Water use</th>
<th>Casing: ft. to ft.</th>
<th>Type</th>
<th>Size</th>
<th>Perforated or Screened: Ft to Ft</th>
<th>Type of screen or perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Churn drill, rotary, other)</td>
<td>Domestic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drainage</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
<th>Location: Sec</th>
<th>T</th>
<th>R</th>
<th>Sec</th>
</tr>
</thead>
<tbody>
<tr>
<td>1953</td>
<td>1953</td>
<td>14</td>
<td>26</td>
<td>45</td>
<td>None</td>
</tr>
</tbody>
</table>

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Sand, Grahamite</td>
</tr>
<tr>
<td></td>
<td>Water, Laminated</td>
</tr>
</tbody>
</table>

Water Well Log #169

State of Montana
County of McCone
Office of Clerk and Recorder
Filed this 29th day of December 1961 at 2:58 o'clock P. M.

[Signature]

None

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

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

John L. Wright & Willie H. Blevins
([Name of Appropriator])
([Address])

of

Fort Peck
([Town])

County of

McDowin

State of

Montana

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

1. Name of Appropriator: John L. Wright & Willie H. Blevins
   Address: Fort Peck
   Town: (Town)
   County: McDowin
   State: Montana

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   Drilled 1947 - Continuous

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Gas pump
   Section 17, 1/16 SW

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Commenced and completed 1947

8. The depth of water table:
   Depth: 15 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:
   Drilled well 40-ft, 6-inch hole, 4-inch casing

10. The estimated amount of groundwater withdrawn each year:
    486,000 gallons (stockwater and domestic, domestic)

11. The log of formations encountered in the drilling of each well if available:
    35-ft clay 5-ft 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:
    Not available

   [Signature]
   [Date: Jan 3, 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.
Doc. No. 127281

Water Well Log # 523

Willis H. Blevins & John L. Wright

TO

The Public

State of Montana

County of Missoula

OFFICE OF COUNTY CLERK & RECORDER

Filed this 2nd day of January, 1964, A. D.,
at 8:14 A. M.

[Signature]

County Clerk

Fee: $2.00
<table>
<thead>
<tr>
<th>County</th>
<th>26 R 15</th>
</tr>
</thead>
</table>

**MONTANA BUREAU OF MINES AND GEOLOGY**

**Butte, Montana**

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>John M. White</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Hyatt Hotel</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>John M. White</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Hyatt Hotel</td>
</tr>
</tbody>
</table>

**Date Started** | April 1958 **Date Completed** | June 1958

**Location:** Sec. 20 T. 26 R. 15 S. 5 E. 3

### Type of Well

- **Drilled**:

  - (Dug, driven, bored, or drilled)
  - (Churn drill, rotary, other)

### Water use:

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

### Casing:

- Size:
- Type:

### Perforated or Screened:

- Size:
- Type:

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

- _feet_

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

- _feet_; constant

### Flowing water level at _feet_ at _gal. per min_

### How tested:

- Flow continued

### Length of test:

### Remarks:

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

- No packing required

(over)
<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – 12</td>
<td>Properly water steam</td>
</tr>
<tr>
<td>12 – 12</td>
<td>Well flora continually</td>
</tr>
</tbody>
</table>

123429

Water Well Log # 273

State of Montana
County of McCone 1st
Office of Clerk and Recorder
Filed this 29th day of December A.D. 19 61

[Signature]
F. M.

Fee: None
Duty:
WATER WELL LOG

Owner: John A. White
Address: 123 Main St., Butte, Montana
Driller: Logan Drilling
Address: 345 West St., Butte, Montana
Date Started: June 1958
Date Completed: June 1958
Location: Sec. 21, T. 26, R. 45, S.W.

Type of Well: Drilled
Equipment Used: Churn drill

Water use: Domestic
Municipal
Stock
Irrigation
Industrial
Drainage
Other:

Casing: ft. to ft. Type
Type of screen or perforations:
Perforated or Screened: Ft. to Ft. to Ft. to Ft.

Static water level, for non-flowing well: ft
Shut-in pressure, for flowing well: lb./sq.in.
Date
Pumping water level: ft at gal. per min
How tested: By pumping
Length of test: Centuries
Nature of water
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

No gravel packing

(over)
# Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>38</td>
<td>Sand + gravel</td>
</tr>
<tr>
<td>38</td>
<td>Gravel - water-bearing formation</td>
</tr>
</tbody>
</table>

12:34:28

Water Well Log # 122
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

   2. The beneficial use on which the claim is based

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

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

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

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

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

   8. The depth of water table

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

   10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines; and Quadruplicate for the Appropriator.
DOCK. NO. 123695

WATER WELL LOG FILE NO. 205

TUNER SCHOOL DISTRICT NO. 10
of WOLF POINT, MONTANA

TO

THE PUBLIC

State of Montana
County of McCone
Office of Clerk and Recorder
Filed this 26th day of February 1942
at 9:45 A.M.

[Signature]

Clerk and Recorder

### Groundwater Index

#### County: McCane  
Twp: 26N  
Rge: 6E

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>Terry James E.</td>
<td>Well Lab</td>
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<td>Frank Bailey</td>
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<td>Ray E. Ray</td>
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<td>David Albert M.</td>
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<td>34</td>
<td>Thomas, S.</td>
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Form No. 18

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
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<tbody>
<tr>
<td>County</td>
<td></td>
</tr>
<tr>
<td>T.</td>
<td></td>
</tr>
<tr>
<td>R.</td>
<td></td>
</tr>
<tr>
<td>Owner Address</td>
<td></td>
</tr>
<tr>
<td>Driller Address</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td></td>
</tr>
<tr>
<td>Location: Sec. / T. / R. / 1 / Sec.</td>
<td></td>
</tr>
</tbody>
</table>

**Type of Well**: (Dug, driven, or drilled)  
**Equipment used**: (Churn, drill, rotary, other)  
**Water use**: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]  
Industrial [ ] Drainage [ ] Other [ ]  
**Casing**: ft. to ft. Type Size  
**Casing**: ft. to ft. Type Size  
**Casing**: ft. to ft. Type Size  
**Perforated or screened**: Ft. to Ft. Ft. to Ft.  
**Type of screen or perforations**:  
**Static water level, for non-flowing well**: feet  
**Shut-in pressure, for flowing well**: lb./sq. in. on: (date)  
**Pumping water level**: feet at gal. per min.  
**How tested**:  
**Length of test**:  
**Remarks**: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  

(over)
Montana Bureau of Mines and Geology
Butte, Montana

Water Well Log

Form No. 18

Location: Sec. __ T. __ R. __ § Sec. __

Type of well (Dug, driven, or drilled)

Equipment used (Churn, drill, rotary, other)

Water use: Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □

Casing: ______________ ft. to ______________ ft. Type ___ Size ___

Type of screen or perforations

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

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

Pumping water level ______________ feet at ______________ gal. per min.

How tested: ______________

Length of test ______________

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

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth</th>
<th>Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>20</td>
<td>Clay and Sand</td>
</tr>
<tr>
<td>20</td>
<td></td>
<td>Clay Sand</td>
</tr>
</tbody>
</table>

**DOC. NO.:** 123379  
**WATER WELL LOG FILE NO.:** 123
WATER WELL LOG

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
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</thead>
<tbody>
<tr>
<td>1920</td>
<td>1920</td>
</tr>
</tbody>
</table>

| Location | Sec 8 T 26 R 46 | Sec 04 NE 4 |

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>Churn grill, metary, other</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Water use: Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Static Water level for non-flowing well:</th>
<th>20 feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shot-in-pressure for flowing well:</td>
<td>75 lb./sq.in.</td>
</tr>
<tr>
<td>Pumping water level: 20 feet</td>
<td>5 gal. per min</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
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</thead>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, ft.</th>
<th>Description of Material Drilled</th>
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</thead>
<tbody>
<tr>
<td>77</td>
<td>Clay + Sand</td>
</tr>
<tr>
<td>118</td>
<td>Massive, Floating gravel</td>
</tr>
</tbody>
</table>

WATER WELL LOG FILE NO. 123

State of Montana
County of McCone
Office of Clerk and Recorder
Filed on 19th day of Dec of 1945
Certificate of Deposit
For none.
Water Well Log

OWNER

Address

Driller

Address

Date Started

Date Completed

Location: Sec. 9 T. 26 R. 46 S. 5-60

Type of well

Equipment used

Water use:

Domestic

Municipal

Stock

Irrigation

Industrial

Drainage

Other

Casing: 0 ft. to 118 ft. Type Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. 80 to ft. Ft. to ft.

Type of screen or perforations

Static water level, for non-flowing well: 80 feet.

Shut-in pressure, for flowing well: 1 lb./sq. in. on: (date)

Pumping water level: 80 feet at 6 gal. per min.

How tested:

Length of test

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

(over)
<table>
<thead>
<tr>
<th>Depth</th>
<th>Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>118</td>
<td>Wa. sand</td>
</tr>
<tr>
<td></td>
<td>118</td>
<td>Water bearing gravel</td>
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</table>

123392

Water Well Log # 136
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Rotary</th>
</tr>
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<tbody>
<tr>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Churn drill, rotary, other)</td>
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<td></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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</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>10 ft. to</th>
<th>60 ft.</th>
<th>Type:</th>
<th>screw</th>
<th>Size:</th>
<th>5 in.</th>
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<tbody>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type:</td>
<td>Size:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type:</td>
<td>Size:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft.</td>
<td>50 to</td>
<td>60 Ft.</td>
<td>to</td>
<td>ft.</td>
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<tr>
<td>Type of screen or perforations:</td>
<td>screen</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Static Water level, for non-flowing well: | 28 feet. |
| Shut-in pressure, for flowing well: | lb./sq. in. on: |  | (date) |
| Pumping water level: | 36 feet at | 6 gal. per min. |
| How tested: | Jet pump | 1½ in |
| Length of test: | 24 hours |

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

Gravel packing around casing from top to bottom

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 32</td>
<td>Brown clay</td>
</tr>
<tr>
<td>32 - 54</td>
<td>Sand</td>
</tr>
<tr>
<td>54 - 60</td>
<td>Gravel (Water bearing)</td>
</tr>
</tbody>
</table>