113423

Filed for Record

10:15 A.M.

Dec 31 1948

Jane W. Brewster

$2.00
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 filled 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: Graham Prumwerk
Address: Baker

Date well started: June 11, 1970
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: 720,000

Top of Ground
<table>
<thead>
<tr>
<th>(Sec., T., R.)</th>
<th>Top of Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 165 ft
Pumping water level: 200 ft

at 10 gallons per minute, measured 10 minutes after pumping began.

*Measured from ground level.

Well developed by: Bunting

Power: Pump, HP

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

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

Each small square represents 40 acres.

Driller's Signature: __________________________

Driller's Address: Baker, Mont.

Licence No. 142

Show exact depth of bottom

1/72 59
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 16, 1916
   Every summer for Stock Use

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:

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

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:
   6 in casing 290 ft.

10. The estimated amount of groundwater withdrawn each year: 176,000 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: Evrett Trawek
Date: Dec. 13, 1963

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

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

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

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL  
Developed after January 1, 1962  

(Under Chapter 237 Montana Session Laws, 1961, as amended)  

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

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

Owner   
Address   
Date well started  
completed   

Type of well   
Equipment used   
Water Use: Domestic  Municipal  Stock  Irrigation  Industrial  Drainage  Other  Garden/Lawn  

*Describe 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>Date of Drawn</th>
<th>Size of Drawn</th>
<th>From Foot</th>
<th>To Foot</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Static water level</td>
<td>ft. *</td>
<td>Pumping water level</td>
<td>ft. *</td>
<td>at</td>
</tr>
<tr>
<td>Measured from ground level, Well developed by</td>
<td>for</td>
<td>Power</td>
<td>Pump</td>
<td>HP</td>
</tr>
</tbody>
</table>

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

Driller's Signature   
Driller's Address   
LICENSE NO.   

Show exact depth of bottom  

50, 3/19
CARTER COUNTY
ZEALAXA, MONTANA
Filed for Record
MAY 3 1972

[Signature]

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

County of ___________________________ State of ___________________________
County of CARTER State of MONTANA

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

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

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

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

5. If used for irrigation, give the acreage and description of the 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 set, including reference to book and page of any county record: ___________________________

Signature of Owner ___________________________
Date ___________________________

This form must 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.

Algorithm: This document is a legal form for declaring vested groundwater rights. It requires specific information about the beneficial use, date of earliest use, amount claimed, irrigation details, withdrawal means, completion dates, estimated withdrawal, formations encountered, and other relevant information.

Analysis: The form is designed to capture detailed information about groundwater claims, ensuring that owners provide accurate and comprehensive data to the State Engineer. The form includes sections for the claimant's details, the county and state, the date and type of appropriation, the location of withdrawal, and other necessary details for legal and administrative purposes.
Filed for Record

Jan. 1, 1933

Jane M. Brewster
County Clerk

Dep't

Fees $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)

(Name of Appropriator)
of
(Address)
(Town)

County of _____________________________ State of _____________________________

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

2. The beneficial use on which the claim is based

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

Every Year

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

5 gallons per minute

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

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 wells, wells, or other works for withdrawal of groundwater

April 1953

8. The depth of water table

126 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

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

This form is to be filled by the owner with the County Clerk and Recorder of the county in which the well is located.

Print answers 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.

25876
Filed for Record
1:30 P.M.

Janet M. Brewster

Fee $2.00
<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>1</td>
<td>TTooKE, FAY</td>
<td>GW-1</td>
<td>113376</td>
<td>WELLS IN SEC. 1</td>
</tr>
<tr>
<td>2</td>
<td>TTooKE, FAYE</td>
<td>GW-2</td>
<td>113256</td>
<td>CLEARED FROM LOKING PERM. MISED IN CARTER</td>
</tr>
<tr>
<td>3</td>
<td>MOLLETT CATTLE CO.</td>
<td>GW-2</td>
<td>286359</td>
<td></td>
</tr>
</tbody>
</table>
**Notice of Completion of Groundwater Appropriation by Means of Well**

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

Date of Notice of appropriation of groundwater: ____________

Date well started: ____________ Date completed: ____________

Type of well drilled: ____________ 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, sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Depth</th>
<th>Strata</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>33 ft</td>
<td>Clay</td>
<td>Dark brown</td>
</tr>
<tr>
<td>65 ft</td>
<td>Sand</td>
<td>Light brown</td>
</tr>
</tbody>
</table>

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

Shut-in Pressure for Flowing Well: ____________ psi.

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, comment) ____________

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

Show exact depth of bottom.

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

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

Driller’s License Number: ____________

Driller’s Signature: ____________
FILED
At 10:410 O'Clock AM
Dec 24 1969

County Clerk and Ex-Officio Recorder
Custer County, Montana

Deputy
Date: Dec 30, 63

Declarant: Frieda Lohr
Res. 237
Montana Session June 1961

County: Butte
State: Montana

Appropriated Ground Water According to Law

| Well A | SESE & 31
| 2N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 88 ft. |
| gpm withdrawn | 12000 |

| Well B | SESE & 8
| 3N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 365 ft. |
| gpm withdrawn | 300,000 |

| Well C | SESE & 1
| 3N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 190 ft. |
| gpm withdrawn | 300,000 |

| Well D | SESE & 8
| 3N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 148 ft. |
| gpm withdrawn | 300,000 |

| Well E | SESE & 1
| 3N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 115 ft. |
| gpm withdrawn | 300,000 |

| Well F | SESE & 8
| 3N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 190 ft. |
| gpm withdrawn | 300,000 |

| Well G | SESE & 1
| 3N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 148 ft. |
| gpm withdrawn | 300,000 |

| Well H | SESE & 8
| 3N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 190 ft. |
| gpm withdrawn | 300,000 |

| Well I | SESE & 1
| 3N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 148 ft. |
| gpm withdrawn | 300,000 |

| Well J | SESE & 8
| 3N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 190 ft. |
| gpm withdrawn | 300,000 |

| Well K | SESE & 1
| 3N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 148 ft. |
| gpm withdrawn | 300,000 |

| Well L | SESE & 8
| 3N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 190 ft. |
| gpm withdrawn | 300,000 |

| Well M | SESE & 1
| 3N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 148 ft. |
| gpm withdrawn | 300,000 |

| Well N | SESE & 8
| 3N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 190 ft. |
| gpm withdrawn | 300,000 |

| Well O | SESE & 1
| 3N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 148 ft. |
| gpm withdrawn | 300,000 |

| Well P | SESE & 8
| 3N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 190 ft. |
| gpm withdrawn | 300,000 |

| Well Q | SESE & 1
| 3N 64' | 2N 51' |

| Date of Approp. | April of 1946 |
| Date of Sale | April of 1961 |
| qg/ft. per Min | 5 |
| yd. of depth | 148 ft. |
| gpm withdrawn | 300,000 |

Date of Sale: Dec 30, 63

Signature of Purchaser: Jay Lohr
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Faye Teaka
Address: Kalaka, Mont.

Driller: D. H. Baird
Address: Kalaka, Mont.

Date of Notice of Appropriation of Groundwater: Oct. 13, 1962
Date well started: Oct. 13, 1962
Date well completed: Oct. 22, 1962

Type of well: Steady
Equipment used: Rotary

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>Stratum</th>
<th>Depth (feet)</th>
<th>Water Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>105 Shale to 120 Sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>120 Sand to 120 Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>120-140 Sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>140-148 Shale</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 84 ft
Shut-in Pressure for flowing well: 90 ft
Pumping Water Level: 0 ft per minute.
Discharge in gal. per min. of flowing well:

Bailer: 2 hours
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)

Filed for Record:

Driller's License Number:
Driller's Signature:

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
<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>4</td>
<td>TOOE, C.E.</td>
<td>GW-4</td>
<td>113514</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>TOOE, FAY</td>
<td>Water Supply</td>
<td>10548</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>TOOE, FAY</td>
<td>GW-4</td>
<td>113376</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>TALKINGTON, GEORGE E.</td>
<td>GW-4</td>
<td>113017</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>TALKINGTON, ROBERT MARCO</td>
<td>GW-4</td>
<td>113016</td>
<td></td>
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<tr>
<td>12</td>
<td>FOWLER, RUDOLPH</td>
<td>GW-4</td>
<td>113532</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>BRISKEL, RALPH</td>
<td>GW-4</td>
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<td></td>
</tr>
<tr>
<td>15</td>
<td>TALKINGTON, ART</td>
<td>Water Supply</td>
<td>10 3200</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>TALKINGTON, HELEN</td>
<td>GW-2</td>
<td>128352</td>
<td></td>
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<tr>
<td>16</td>
<td>TOOE, FAY</td>
<td>GW-4</td>
<td>113491</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>BRISKEL, RALPH</td>
<td>GW-4</td>
<td>111742</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>MALENOWSKY, ALBERT</td>
<td>GW-2</td>
<td>130452</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>MALENOWSKY, ALBERT</td>
<td>GW-2</td>
<td>130452</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>SWEET GARDENIA RANCH INC</td>
<td>GW-4</td>
<td>113241</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>JOHNSTONE, JAMES</td>
<td>GW-4</td>
<td>112796</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>JOHNSTONE, JAMES</td>
<td>Paper Collon</td>
<td>10842</td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. CE Tooke
   (Name of Appropriator) of Ekalaka
   (Address) (Town)

   County of Carter State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1890

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Varys from 3 to 6 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:

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Sec. 27, T, R 26, S, 5, NW 1/4

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1890 to 1903

8. The depth of water table: Varys from 74' to 100'

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

10. The estimated amount of groundwater withdrawn each year: As needed for various numbers livestock

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:

   State of Texas.

   Signature of Owner
   Date 12-18-63

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.
Filed for Record

3:00 P.M.

Jan. 20, 1920

Jane M. Brewer

[Signature]

[Signature]
STATE ENGINEER

JAN 7 '63

Jury Lake

County of Center

Exhibit No. 21

File No. 11372

Ex 30-63

St. of Mont.

COUNTY OF CENTER

STATE OF MONTANA

Said to be

of the Town of Center

County of Center

Filed and recorded

in the

Office of the

County Clerk

on the 30th day of January, 1963

in the

County of Center

State of Montana

The undersigned

Do hereby certify that the above

is a true and correct copy of the

original record kept in the

Office of the

County Clerk

in the

County of Center

State of Montana

This 30th day of January, 1963

of the above

Alt. A. H. E.

State of Montana

County of Center

Office of the

County Clerk

File No. 11372

Exhibit No. 21

Ex 30-63

St. of Mont.

COUNTY OF CENTER

STATE OF MONTANA

Said to be

of the Town of Center

County of Center

Filed and recorded

in the

Office of the

County Clerk

on the 30th day of January, 1963

in the

County of Center

State of Montana

The undersigned

Do hereby certify that the above

is a true and correct copy of the

original record kept in the

Office of the

County Clerk

in the

County of Center

State of Montana

This 30th day of January, 1963

of the above

Alt. A. H. E.
**MONTANA BUREAU OF MINES AND GEOLOGY**
Butte, Montana

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled (Dug, driven, bored, or drilled)</th>
<th>Equipment used</th>
<th>Rotary (Cemented well, rotary, other)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use: Domestic</td>
<td>Municipal</td>
<td>Stock</td>
<td>Irrigation</td>
</tr>
<tr>
<td>Industrial</td>
<td>Drainage</td>
<td>Other:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type of screen or perforations:</th>
<th>1/2 inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft to 17 ft.</td>
<td>perforated or screened:</td>
<td>Ft. to ft. 140 ft. to ft.</td>
</tr>
</tbody>
</table>

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

Pumping water level: 138 feet at 35 gal. per min.

Length of test: 1 hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>5</td>
<td>28</td>
</tr>
<tr>
<td>28</td>
<td>32</td>
</tr>
<tr>
<td>32</td>
<td>36</td>
</tr>
<tr>
<td>36</td>
<td>41</td>
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<tr>
<td>41</td>
<td>80</td>
</tr>
<tr>
<td>80</td>
<td>86</td>
</tr>
<tr>
<td>86</td>
<td>140</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

George E. Falkington, of Helena, Montana

County of
State of

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

2. The beneficial use for which the claim is based

3. Date or approximate date from which beneficial use has been, or is being, made

4. The amount of groundwater used (in Measurement of gallons per minute)

5. If used for irrigation, give the area 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 every well or other work of withdrawal

7. The date of commencement and description 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 and 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 my county record

Signature of Owner

Date

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

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

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

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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

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

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

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

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

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

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

8. The depth of water table: 33 ft

9. So far as 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: Not Known

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

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 H. Walling
Date: Jan. 11, 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 Approprietor.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

County of

State of

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

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   Will n. 1 = 1943 and Continuous.
   Will n. 2 = 1961 and Continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Will n. 1 = 100 gpm, Will n. 2 = 5 gpm.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Will n. 1 = Mechanical pump.
   Will n. 2 = Hand pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Will n. 1 = 1943.
   Will n. 2 = 1961.

8. The depth of water table:
   Will n. 1 = 23 ft.
   Will n. 2 = 80 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:
   Will n. 1 = 6 in., 8 in. pipe, 2 1/2 in. screen, 25 ft. screen.
   Will n. 2 = 8 in. pipe, 8 in. screen, 10 ft. screen.

10. The estimated amount of groundwater withdrawn each year:
    Will n. 1 = 1,000,000 gal.
    Will n. 2 = 100,000 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:

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.

Filed to the County Clerk and Recorder. Duplicate to the State Engineer. Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Approprior.

3875
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 1958

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 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: Adoption of tile well, spring, dug well, coal mine, approximate & shallow surface

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 1958

8. The depth of water table: approximately 6 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: water & tile well

10. The estimated amount of groundwater withdrawn each year: 178, 150 gallons

11. The log of formations encountered in the drilling of each well if available: 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 Ralph Bruski
Date: May 7, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Location: Sec. 15</th>
<th>T. 1 N. R. 56 E.</th>
<th>½ sec.</th>
<th>MONTANA BUREAU OF MINES AND GEOLOGY</th>
<th>BUTTE, MONTANA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Art Talcott</td>
<td>Address: Exalake, Montana</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Driller</td>
<td>Harry Bryant</td>
<td>Address: Exalake, Montana</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td>Oct. 4, 1960</td>
<td>Date Completed: Oct. 10, 1960</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**WATER WELL LOG**

**STATE ENGINEER**

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

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 305 ft.</th>
<th>Type: Black tubing</th>
<th>Size: 4 In</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>
<tr>
<td>Perforated:</td>
<td>255 ft. to 305 ft.</td>
<td>Type:</td>
<td>Size:</td>
</tr>
</tbody>
</table>

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

| Static Water level, for non-flowing well: | 125 feet |
| Shut-in pressure, for flowing well: | lb/sq. in on: (date) |
| Pumping water level: | 190 feet at 14 gal. per min. |
| Length of test: | 4 Hours |

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 10</td>
</tr>
<tr>
<td>10</td>
<td>Yellow shale</td>
</tr>
<tr>
<td>70</td>
<td>100</td>
</tr>
<tr>
<td>100</td>
<td>110</td>
</tr>
<tr>
<td>110</td>
<td>120</td>
</tr>
<tr>
<td>120</td>
<td>122</td>
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<td>122</td>
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<td>240</td>
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<td>258</td>
<td>280</td>
</tr>
<tr>
<td>280</td>
<td>285</td>
</tr>
<tr>
<td>285</td>
<td>305</td>
</tr>
</tbody>
</table>
Driller's Log

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: Helen Buxton
Address: Kalispell, Montana
Date well started: June 9, 1970
Completed: June 13, 1970

Type of well: Drilled
Equipment used: Rotary

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

*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).

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 1/40 ACRES.

Driller's Signature: Karl D'Jennings
Driller's Address: Kalispell, Montana

LICENSE NO. 201

Top of Ground | (Cert. above sea level)
---|---

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
</table>

0 | 5 Brown Sand
5 | 30 Brown Sand & Gravel
30 | 35 Blue Sand & Coal
35 | 60 Blue Coal & Sand
60 | 65 Blue Sand
65 | 72 Blue Coal
72 | 76 Blue & Brown Coal
76 | 100 Blue Sand & Coal
100 | 115 Blue Sand & Coal
115 | 165 Blue Sand & Coal
165 | 170 Coal
170 | 185 Green Sand
185 | 237 Blue Sand

Static water level | 175 ft.
Pumping water level | 230 ft.

*Measured from ground level. Well developed by Air for 2 hours.

Power Pump: __HP
Remarks: (Gravel packing, cementing, packers, type of shut-off) Rubber packer

46599

Show exact depth of bottom...
CARTER COUNTY
EXALAKA, MONTANA
Filed for Record
JUN 9 1970
Juno M. Brookner
Clerk in Chancery
Fee: $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed under January 7, 1972
(Under Chapter 257 Montana Session Laws, 1961, as amended)

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, last copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the
form may be returned.

Mrs. Helen Talkington
Excalba, Montana

Date well started June 9, 1970
completed June 13, 1970

Type of well Drilled
Equipment used Rotary

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

usr: 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

Top of Ground

<table>
<thead>
<tr>
<th>Feet (vel)</th>
<th>Feet (vel)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td>20</td>
<td>25</td>
</tr>
</tbody>
</table>

Well developed by Hole: 237

Power: Pump, HP
Remarks: (Gravel packing, cementing, packers, type of shut off)

Driller's Signature Mark D. Werming
driller's Address Excalba, Montana

LICENSE NO. 201

COUNTY: CARTER

DRIEIER'S LOG

Indicate the character, color,
ness of strata such as soil, clay,
gravel, shale, sandstone, etc.;
depth at which water is found
height to which water rises in

N

W

Pumping water level 210 ft.
at 1 gallon per minute;
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by
for
Power
Remarks: (Gravel packing, cementing,
packers, type of shut off)

rubber packer

N.E. N.W. Sec. 15
E. N.W. 5th. E.

237 Show exact depth of b
DECLARATION OF VESTED GROUNDWATER RIGHTS

1. **Declaring Party**
   - County of **Powder River**, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

### Wells Table

<table>
<thead>
<tr>
<th>Wells</th>
<th>No. 1</th>
<th>No. 2</th>
<th>No. 3</th>
<th>No. 4</th>
<th>No. 5</th>
<th>No. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basis</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Use</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Date Drilled</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hours Continuously Used</td>
<td>3</td>
<td>5</td>
<td>3</td>
<td>15</td>
<td></td>
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<tr>
<td>Amount Claimed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irrigated Description</td>
<td>S.E. W.</td>
<td>S.E.</td>
<td>NE.</td>
<td>NE.</td>
<td>NE.</td>
<td>NE.</td>
</tr>
<tr>
<td>Irrigation Owner</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irrigated Acreage</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Location (acres)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Withdrawn Means</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type (Drilled or Dig)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size &amp; Depth</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Est. Annual</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amount Withdrawn</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Information</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Log, if available</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Declaration

STATE OF MONTANA)

County of Powder River) ss.

[Signature]

having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the owner and water right mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true. Subscribed and sworn to before me this 31st day of March, 1962.

Clerk & Recorder, Powder River County, Broadus, Montana

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

I, Ralph Bruski of Baker
(Name of Appropriator)
(Address)
(Town)
County of Fallon
(State of Montana)
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: September 10, 1961.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 35 gallons per minute, daily.

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: Spring developed from cold water at 30 feet.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Sept. 10, 1961.

8. The depth of water table: About 6 to 7 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:

- 30 feet deep; Orangeburg tile, 7 1/2", 150 feet; 1/2" plastic pipe in back tank.

10. The estimated amount of groundwater withdrawn each year: 394,000 gallons.

11. The log of formations encountered in the drilling of each well if available: Sandy clay, coal.

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: Ralph Bruski.
Date: Mar. 7, 1963.

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

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

Original to the County Clerk and Recorder: duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology; and quadruplicate for the Appropriator.
Filed for Record

2-30

3rd. 1963

[Signature]

[Signature]

Fee $2.00
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: AIBERT MALIKOVSKY
Address: 5018 KAH 5971 MT

Original Log: 9-9-70 29-7-70
Date well started: 9-9-70
Date well completed: 9-17-70

Type of Well: D.R. H.P. (Drainage, Reserve, or Drive)
Equipment used: (Chains, drill, rotary or others)

Water Use: Domestic [x] Municipal [ ] Stock [x] 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: 1,000.00 G.P.A.

<table>
<thead>
<tr>
<th>Depth of Drift</th>
<th>Data and Method of Coding</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 451 ft. Pumping water level: 421 ft. Measured 300 gallons per minute, measured 30 minutes after pumping began.

*Measured from ground level. Well developed by Electric Pump. Power: Elec. 15 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: MENJA K. MALKOVSKY
Driller's Address: 5018 KAH 5971 MT

[Map and Diagram]

 LICENSE NO. 112

Show exact depth of bottom: 45' 3"
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1902
(Under Chapter 237, Montana Session Laws, 1961, as amended)

Owner: MARENOVSKY
Address: Kalispell, Mont.

Driller: MARIE R. BANDY
Address: Butte, Mont.

Date of Notice of Appropriation of Groundwater: 9-17-70

Date well started: 9-2-70
Date completed: 9-17-70

Type of well: Drilled
Equipment used: Probe

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>Stratum</th>
<th>Static Water Level for non-flowing well</th>
<th>Shut-in Pressure for flowing well</th>
<th>Pumping Water Level</th>
<th>Discharge in gal. per min. of flowing well</th>
<th>How Tested</th>
<th>Length of Test</th>
<th>Remarks: (Gravel packing, cementing, packers, type of shutoff)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue Gray shale</td>
<td>270 feet</td>
<td></td>
<td>490 feet</td>
<td>10 gal. per minute</td>
<td>PUMPED</td>
<td>1 hour</td>
<td>(Continue on reverse side)</td>
</tr>
<tr>
<td>Gray sand</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>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).</td>
</tr>
</tbody>
</table>

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

Driller's Signature

112

Driller's License Number

43865

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, 1951)  

STATE ENGINEER  

Date: Dec 26, 1963  

File No.: 1  
DUPLICATE  

County:  

1. County: Costin  
   (Town)  
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:  

<table>
<thead>
<tr>
<th>Sec.</th>
<th>T.</th>
<th>R.</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>N</td>
<td></td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 
   - Before 1955, and since 1955  

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

5. If used for irrigation, give the acreage and description of the lands to which 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: 
   - Windmill  

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 
   - Dec 1, 1955  

8. The depth of water table: 
   - 60 to 125 feet  

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

10. The estimated amount of groundwater withdrawn each year:  

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: 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.
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. James Johnson
   (Name of Approporator)
   of Shalaka
   (Address)
   (Town)
   County of Carter
   State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: November 1965
   Continuous

4. The amount of groundwater claimed (in 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:
   Pump & windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: November 1965

8. The depth of water table:
   10 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Type: Drilled well
   Size: 4 inches
   Depth: 35 feet

10. The estimated amount of groundwater withdrawn each year: 60,000 gallons

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

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

Signature of Owner: ______________________________
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 Approporator.
Filed for Record
at 2:00 p.m. EST
DEC 19, 1993
Jen McGraw
County Clerk
Deputy

Rec'd 2.00
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>James Johnston</th>
<th>Address</th>
<th>Kalska, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Steve J. Lass</td>
<td>Address</td>
<td>Kalska, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>July 23rd, 1960</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td>July 30, 1960</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td>Sec 32, T 1 W  R 56  1/4 sec SW¼</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Rotary</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Dog, drill, bored, or drilled)</td>
<td>(Churn drill, rotary, others)</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
</tr>
<tr>
<td></td>
<td>Industrial</td>
<td>Drainage</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Surface</th>
<th>Ft. to</th>
<th>155</th>
<th>Ft. Type</th>
<th>black</th>
<th>Size</th>
<th>4 inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. 113 to Ft. 155 Ft.</th>
<th></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
<th>Cut with cutting torch</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static Water Level, for non-flowing well:</th>
<th>feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in.</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>feet at</td>
</tr>
<tr>
<td>How tested:</td>
<td>baler</td>
</tr>
<tr>
<td>Length of test:</td>
<td>4 hours</td>
</tr>
</tbody>
</table>

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

(over)
Lo? of Well  

<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>surface</td>
<td>25</td>
</tr>
<tr>
<td>25</td>
<td>40</td>
</tr>
<tr>
<td>40</td>
<td>60</td>
</tr>
<tr>
<td>60</td>
<td>75</td>
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<td>90</td>
<td>110</td>
</tr>
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<td>110</td>
<td>120</td>
</tr>
<tr>
<td>120</td>
<td>135</td>
</tr>
<tr>
<td>135</td>
<td>155</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>1</td>
<td>PEARCE, ELLIOT</td>
</tr>
<tr>
<td>2</td>
<td>REAMER, PAT</td>
</tr>
<tr>
<td>3</td>
<td>PICKARD, CHARLES</td>
</tr>
<tr>
<td>2</td>
<td>PICKARD, CHARLES</td>
</tr>
<tr>
<td>2</td>
<td>PIERCE, FLOYD</td>
</tr>
<tr>
<td>4</td>
<td>KASTRUP, PAT</td>
</tr>
<tr>
<td>5</td>
<td>KASTRAIN, RICK</td>
</tr>
<tr>
<td>6</td>
<td>KREIKER, JDAE</td>
</tr>
<tr>
<td>7</td>
<td>FLOWER, BLANCHE</td>
</tr>
<tr>
<td>8</td>
<td>TALKINGTON, WILLIAM F</td>
</tr>
<tr>
<td>9</td>
<td>WILSON, JOHN H.</td>
</tr>
<tr>
<td>11</td>
<td>MEYER, ANGELA</td>
</tr>
<tr>
<td>12</td>
<td>PIERCE, FLOYD</td>
</tr>
<tr>
<td>13</td>
<td>PIERCE, FLOYD</td>
</tr>
<tr>
<td>14</td>
<td>STRAIT, FRANKS JR.</td>
</tr>
<tr>
<td>15</td>
<td>STRAIT, FRANKS JR.</td>
</tr>
<tr>
<td>16</td>
<td>WARE, ROBERT</td>
</tr>
<tr>
<td>17</td>
<td>KAUTZMAN, GEORGE</td>
</tr>
<tr>
<td>18</td>
<td>TALKINGTON, WILLIAM F</td>
</tr>
<tr>
<td>19</td>
<td>KAUTZMAN, GEORGE</td>
</tr>
<tr>
<td>20</td>
<td>LA DUWE, PAT</td>
</tr>
<tr>
<td>21</td>
<td>ABLENO, ALGERD</td>
</tr>
<tr>
<td>22</td>
<td>EISENHARD, HERBERT</td>
</tr>
<tr>
<td>23</td>
<td>EISENHARD, HERBERT</td>
</tr>
<tr>
<td>24</td>
<td>EISENMANN, 클리턴</td>
</tr>
<tr>
<td>25</td>
<td>EISENHARD, HERBERT</td>
</tr>
<tr>
<td>26</td>
<td>EISENMANN, 클리턴</td>
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<td>27</td>
<td>EISENHARD, HERBERT</td>
</tr>
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<td>28</td>
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</tr>
<tr>
<td>34</td>
<td>EISENHARD, HERBERT</td>
</tr>
<tr>
<td>35</td>
<td>EISENHARD, HERBERT</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 234, Montana Session Laws, 1961.)

Owner: E. L. Vin Peck
Address: Helena, Montana

Date well started: Oct 24, 1965
Date completed: Nov 15, 1966

Driller: Steve Liss
Address: Helena, Montana

Type of well: Drilled
Equipment used: Rotary
(Dig, 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>
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<th>Color and Nature</th>
<th>Depth (ft)</th>
<th>PERSIMPLATIONS</th>
</tr>
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<tbody>
<tr>
<td>Top of Ground</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Elev. above sea level)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surface to 55 ft</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>55 ft to 80 ft</td>
<td></td>
<td></td>
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</tr>
<tr>
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<td></td>
<td></td>
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<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>135 ft to 150 ft</td>
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</tr>
<tr>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water-bearing formations</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 50 feet.

Shut-in Pressure for Flowing Well
Pumping Water Level: 61' 9" feet
Discharge in gal. per min. of flowing well

How Tested: BJP
Length of Test:
Remarks: Gravel packing, cementing, packers, type of shut-off

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

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

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, 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: [Redacted]
Driller's Signature: [Redacted]

File No. 1003673
County: [Redacted]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Duplicate

LOG

DEVELOPED IN MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 234, Montana Session Laws, 1961.)

Owner: E. L. Vin Peck
Address: Helena, Montana

Date well started: Oct 24, 1965
Date completed: Nov 15, 1966

Driller: Steve Liss
Address: Helena, Montana

Type of well: Drilled
Equipment used: Rotary
(Dig, 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.

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<td>Water-bearing formations</td>
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<td></td>
<td></td>
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</tbody>
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Static Water Level for non-flowing well 50 feet.

Shut-in Pressure for Flowing Well
Pumping Water Level: 61' 9" feet
Discharge in gal. per min. of flowing well

How Tested: BJP
Length of Test:
Remarks: Gravel packing, cementing, packers, type of shut-off

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

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

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, 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: [Redacted]
Driller's Signature: [Redacted]

File No. 1003673
County: [Redacted]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 234, Montana Session Laws, 1961.)

Owner: E. L. Vin Peck
Address: Helena, Montana

Date well started: Oct 24, 1965
Date completed: Nov 15, 1966

Driller: Steve Liss
Address: Helena, Montana

Type of well: Drilled
Equipment used: Rotary
(Dig, 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.

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<td>Water-bearing formations</td>
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<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 50 feet.

Shut-in Pressure for Flowing Well
Pumping Water Level: 61' 9" feet
Discharge in gal. per min. of flowing well

How Tested: BJP
Length of Test:
Remarks: Gravel packing, cementing, packers, type of shut-off

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

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

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, 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: [Redacted]
Driller's Signature: [Redacted]

File No. 1003673
County: [Redacted]
STATE ENGINEER
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paul Remsen</td>
<td>Butte, Montana</td>
<td>Henry Briant</td>
<td>Butte, Montana</td>
</tr>
</tbody>
</table>

Date Started: 10-15-57
Date Completed: 10-16-57

Location: Sec. 1, T. 57 N., R. 57 E., Carter County

Type of well: Drilled
Equipment used: Rotary

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

Casing: 0 ft. to 140 ft. Type: Black pipe Size: 4"
Casing: [ ] ft. to [ ] ft. Type: [ ] Size: [ ]
Perforated or Screened: 72 ft. to 140 ft.
Type of screen or perforations: [ ]/8" drilled holes
Static Water level, for non-flowing well: 30 feet
Shut-in pressure, for flowing well: [ ] lb. sq. in.
(Pump tested on [ ])

Pumping water level: 56 feet at 12 gal. per min.
How tested: Bailed with 8 gal. bailer

Length of test: 1 hour
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Top soil</td>
</tr>
<tr>
<td>2</td>
<td>Sand</td>
</tr>
<tr>
<td>8</td>
<td>Gravel and Sand</td>
</tr>
<tr>
<td>10</td>
<td>Blue clay</td>
</tr>
<tr>
<td>52</td>
<td>Rock</td>
</tr>
<tr>
<td>54</td>
<td>Blue clay</td>
</tr>
<tr>
<td>63</td>
<td>Sand</td>
</tr>
<tr>
<td>72</td>
<td>White clay</td>
</tr>
<tr>
<td>86</td>
<td>Coal</td>
</tr>
<tr>
<td>91</td>
<td>White clay</td>
</tr>
<tr>
<td>118</td>
<td>Sand</td>
</tr>
<tr>
<td>138</td>
<td>Blue clay</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Charles Pickard, of Ekalaka
(Name of Appropriator) (Address) (Town)

County of Carter State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 29, 1960 - continuous since then.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Completed May 29, 1960.

8. The depth of water table: 65 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 10 feet deep - 1 inch pipe - casing - 2 stockwater tanks.

10. The estimated amount of groundwater withdrawn each year: not known.

11. The log of formations encountered in the drilling of each well if available: 1-3 top soil, 3-21 sand-gravel, 21-38 dark shale, 38-82 gray shale, 82-100 water sand.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act: well was drilled by Henry Bryant of Ekalaka, Montana.

Signature of Owner: Charles Pickard
Date: December 20, 1963

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

Form to the County Clerk and Recorder: Duplicate to the State Engineer. Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Filed for Record

DEC 20, 1966

Jane M. Brewster

Fee: $2.00
WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Charles Pickens</th>
<th>Address</th>
<th>Shamrock, Westmore</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Henry Plant</td>
<td>Address</td>
<td>Shamrock</td>
</tr>
<tr>
<td>Date Started</td>
<td>3rd of May 1960</td>
<td>Date Completed</td>
<td>May 30, 1960</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 2 T. 11 R. 37 E 4-1/4 sec.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Type of well:** Drilled  
**Equipment used:** (One driven, bored, or drilled) (Churn drill, rotary, other)

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

**Casing:**  
- 1 ft. to 12 ft. Type: Black pipe Size: 4"  
- ft. to ft. Type: Size:  
- ft. to ft. Type: Size:  
- Perforated or Screened: Ft. to Ft. to Ft. to Ft.  
- Type of screen or perforation: 
- Screen: 
- Hole: 

**Static Water level, for non-flowing well:** 45 feet.  
**Shut-in pressure, for flowing well:** 60 lb/sq. in. on: (date)  
**Pumping water level:** 70 feet at gal per min.  
**How tested:** with bell  
**Length of test:** 1 hour  
**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>21</td>
</tr>
<tr>
<td>21</td>
<td>36</td>
</tr>
<tr>
<td>36</td>
<td>32</td>
</tr>
<tr>
<td>32</td>
<td>100</td>
</tr>
</tbody>
</table>
**Water Well Log**

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Floyd Pierce</td>
</tr>
<tr>
<td>Address</td>
<td>Butte, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>Steve J. Luss</td>
</tr>
<tr>
<td>Address</td>
<td>Butte, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>Oct. 8, 1961</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Dec. 1, 1961</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 2 T. 11 R. 57 E</td>
</tr>
</tbody>
</table>

**Type of well**
- Drilled
- Equipment used: rotary

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

**Casing**
- Surface ft. to 293 ft. Type Black well casing Size 4"
- Casing: ft. to ft. Type Size
- Casing: ft. to ft. Type Size

**Perforated or screened**
- Ft. 251 to ft. 293. Ft. to ft.

**Type of screen or perforations**
- out with cuttin' torch

**Static water level**
- for non-flowing well: 232 feet.

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

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

**How tested**
- (data)

**Length of test**
- 12 hours

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>gravel</td>
</tr>
<tr>
<td></td>
<td>50</td>
<td>90</td>
<td>shale</td>
</tr>
<tr>
<td></td>
<td>95</td>
<td>95</td>
<td>green shale</td>
</tr>
<tr>
<td></td>
<td>95</td>
<td>110</td>
<td>undeveloped shale</td>
</tr>
<tr>
<td></td>
<td>110</td>
<td>135</td>
<td>hard rock</td>
</tr>
<tr>
<td></td>
<td>135</td>
<td>180</td>
<td>shale</td>
</tr>
<tr>
<td></td>
<td>180</td>
<td>190</td>
<td>water sand (1 gal. per min)</td>
</tr>
<tr>
<td></td>
<td>190</td>
<td>240</td>
<td>shale</td>
</tr>
<tr>
<td></td>
<td>240</td>
<td>260</td>
<td>rock</td>
</tr>
<tr>
<td></td>
<td>260</td>
<td>280</td>
<td>shale</td>
</tr>
<tr>
<td></td>
<td>280</td>
<td>305</td>
<td>water sand</td>
</tr>
<tr>
<td></td>
<td>305</td>
<td>313</td>
<td>shale</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Pat Kaltenbein  
Address: Choteau, Mont.  
Date of Notice of Appropriation of Groundwater:  
Date well started: Oct. 20, 1968  
Date Completed: Nov. 12, 1968  
Type of well: Drilled  
Equipment Used: Drilling (dug, driven, bored or churned, drill, rotary or other)  
Water Use: Domestic []  Municipal []  Other []  Irrigation []  Industrial []  Drainage []  Stock []

1. 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 was encountered, thickness and character of water-bearing strata and height to which water rises in the well.

2. Show exact depth of bottom.

3. Static Water Level for non-flowing Well... feet.  
4. Shut in Pressure for Flowing Well...  
5. Pumping Water Level... feet at 50 gal. per minute.  
6. Discharge in gal. per min. of flowing well.  
7. How Tested:  
8. Length of Test:  
9. Remarks: (Gravel packing, cementing, packers, type of shut-off, 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).

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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 County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.